

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\  
 Data File : BM027440.D  
 Acq On : 16 Sep 2020 13:33  
 Operator : JU/CG  
 Sample : PB131588BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

Quant Time: Sep 16 14:05:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 16 13:41:16 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 88906    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.32 | 136  | 331902   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.20 | 164  | 244695   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.94 | 188  | 574059   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.14 | 240  | 671287   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.31 | 264  | 655671   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.18  | 112 | 538594  | 100.86 | ng | 0.00 |
| 7) Phenol-d6             | 6.75  | 99  | 658721  | 91.41  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.70  | 82  | 552443  | 71.11  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.69 | 330 | 409793  | 95.51  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.82 | 172 | 1233132 | 67.02  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.59 | 244 | 2379566 | 61.70  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.16  | 88  | 136644 | 60.013 | ng | 100    |
| 3) Pyridine                    | 3.54  | 79  | 183530 | 27.748 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.45  | 42  | 102167 | 39.139 | ng | # 86   |
| 6) Aniline                     | 6.89  | 93  | 280366 | 32.007 | ng | 96     |
| 8) 2-Chlorophenol              | 7.13  | 128 | 213853 | 39.338 | ng | 98     |
| 9) Benzaldehyde                | 6.70  | 77  | 162726 | 28.702 | ng | 98     |
| 10) Phenol                     | 6.77  | 94  | 267716 | 38.661 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.99  | 93  | 207173 | 35.552 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.45  | 146 | 245686 | 36.308 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.59  | 146 | 251242 | 36.927 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.90  | 146 | 240847 | 36.839 | ng | 99     |
| 15) Benzyl Alcohol             | 7.80  | 79  | 223675 | 36.117 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.08  | 45  | 147135 | 33.341 | ng | 98     |
| 17) 2-Methylphenol             | 8.00  | 107 | 178006 | 37.856 | ng | 98     |
| 18) Hexachloroethane           | 8.62  | 117 | 103314 | 37.893 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.36  | 70  | 193346 | 33.691 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.33  | 107 | 229021 | 35.698 | ng | 96     |
| 22) Acetophenone               | 8.37  | 105 | 338643 | 36.243 | ng | # 97   |
| 24) Nitrobenzene               | 8.74  | 77  | 300121 | 37.108 | ng | 98     |
| 25) Isophorone                 | 9.27  | 82  | 473620 | 34.653 | ng | 98     |
| 26) 2-Nitrophenol              | 9.45  | 139 | 111917 | 37.278 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.52  | 122 | 186397 | 36.353 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.75  | 93  | 275800 | 35.174 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 9.98  | 162 | 227813 | 38.589 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.19 | 180 | 264714 | 37.554 | ng | 100    |
| 31) Naphthalene                | 10.37 | 128 | 649259 | 36.518 | ng | 99     |
| 32) Benzoic acid               | 9.66  | 122 | 98929  | 29.798 | ng | 91     |
| 33) 4-Chloroaniline            | 10.49 | 127 | 196463 | 26.028 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.67 | 225 | 185366 | 38.916 | ng | 99     |
| 35) Caprolactam                | 11.27 | 113 | 19060  | 10.970 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 11.62 | 107 | 230473 | 36.335 | ng | 97     |
| 37) 2-Methylnaphthalene        | 11.99 | 142 | 507314 | 36.416 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.22 | 142 | 485519 | 37.118 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.37 | 216 | 329813 | 37.439 | ng | 98     |

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 Sample : PB131588BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

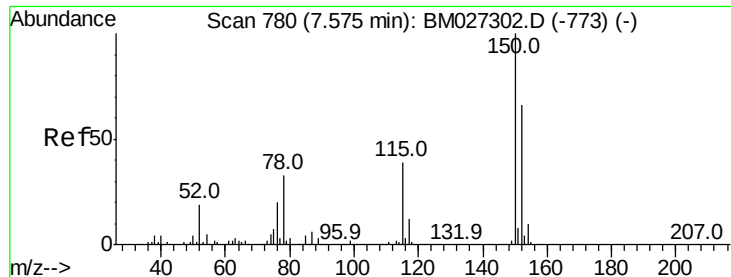
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

Quant Time: Sep 16 14:05:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 16 13:41:16 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.36 | 237  | 453704   | 78.253 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.62 | 196  | 201346   | 37.278 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.69 | 196  | 219167   | 37.328 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.02 | 154  | 709261   | 36.624 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.06 | 162  | 564563   | 36.767 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.27 | 65   | 181051   | 38.560 | ng    | 98       |
| 49) Acenaphthylene             | 13.92 | 152  | 874155   | 37.579 | ng    | 100      |
| 50) Dimethylphthalate          | 13.66 | 163  | 731357   | 36.363 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.77 | 165  | 157857   | 36.846 | ng    | 95       |
| 52) Acenaphthene               | 14.26 | 154  | 536105   | 37.148 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.10 | 138  | 102433   | 25.548 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.32 | 184  | 165869   | 59.763 | ng    | 97       |
| 55) Dibenzofuran               | 14.60 | 168  | 923542   | 37.832 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.43 | 139  | 246642   | 72.780 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.57 | 165  | 228046   | 38.413 | ng    | 96       |
| 58) Fluorene                   | 15.25 | 166  | 769370   | 37.547 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.83 | 232  | 225976   | 39.813 | ng    | 99       |
| 60) Diethylphthalate           | 15.04 | 149  | 772744   | 37.354 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.25 | 204  | 423562   | 37.627 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.27 | 138  | 146152   | 33.091 | ng    | 92       |
| 63) Azobenzene                 | 15.54 | 77   | 849651   | 39.709 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.34 | 198  | 119963   | 32.562 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.47 | 169  | 676088   | 38.073 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.14 | 248  | 273156   | 38.540 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.26 | 284  | 317044   | 38.321 | ng    | 98       |
| 69) Atrazine                   | 16.43 | 200  | 225958   | 43.501 | ng    | 97       |
| 70) Pentachlorophenol          | 16.60 | 266  | 383500   | 76.652 | ng    | 99       |
| 71) Phenanthrene               | 16.99 | 178  | 1280867  | 38.372 | ng    | 100      |
| 72) Anthracene                 | 17.07 | 178  | 1307020  | 38.796 | ng    | 99       |
| 73) Carbazole                  | 17.34 | 167  | 1126281  | 38.297 | ng    | 100      |
| 74) Di-n-butylphthalate        | 17.93 | 149  | 1359397  | 38.426 | ng    | 99       |
| 75) Fluoranthene               | 19.01 | 202  | 1569958  | 38.771 | ng    | 100      |
| 77) Benzidine                  | 19.20 | 184  | 784427   | 38.384 | ng    | 99       |
| 78) Pyrene                     | 19.37 | 202  | 1663070  | 36.327 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.30 | 149  | 650120   | 34.581 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.13 | 228  | 1737450  | 38.767 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.07 | 252  | 538220   | 29.739 | ng    | 99       |
| 83) Chrysene                   | 21.19 | 228  | 1699271  | 39.015 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.09 | 149  | 984853   | 39.605 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 21.95 | 149  | 1670821  | 40.367 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 25.47 | 276  | 2123677  | 47.764 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.67 | 252  | 1796277  | 39.385 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.71 | 252  | 1794631  | 40.702 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.22 | 252  | 1614659  | 41.860 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.48 | 278  | 1793952  | 47.768 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.12 | 276  | 1808216  | 49.962 | ng    | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed



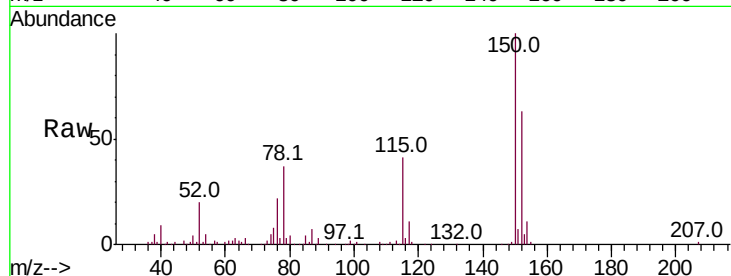


#1

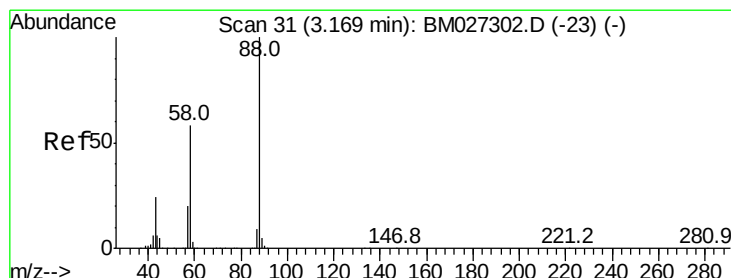
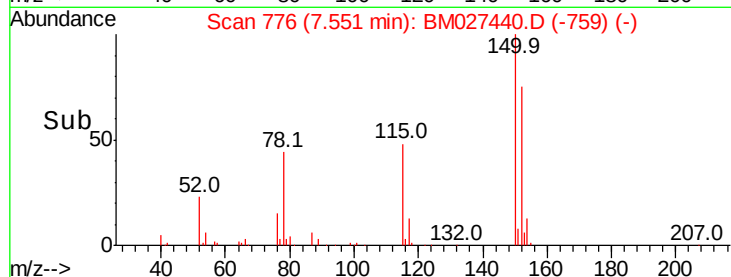
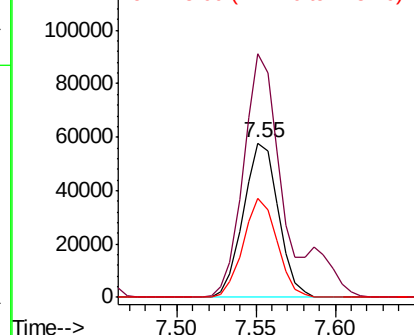
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.55 min Scan# 776  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

Tot Ion:152 Resp: 88906  
Ion Ratio Lower Upper  
152 100  
150 158.0 120.6 181.0  
115 64.1 47.2 70.8



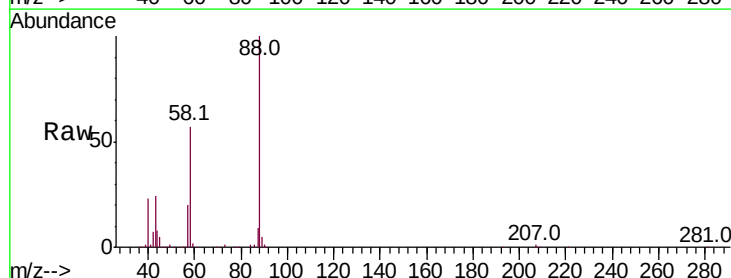
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



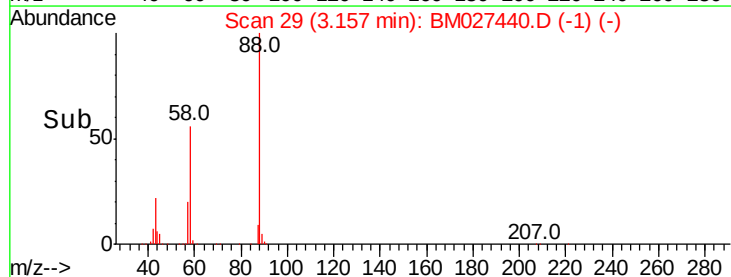
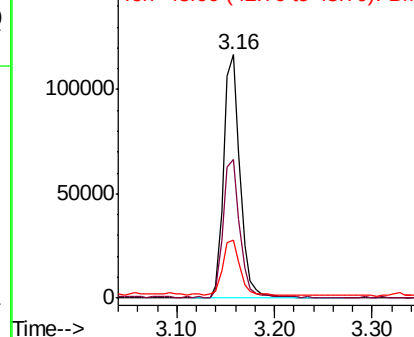
#2

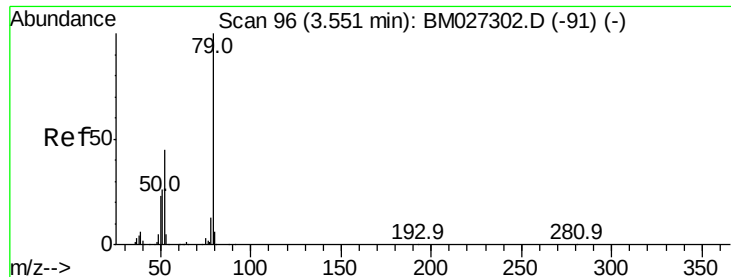
1,4-Dioxane  
Concen: 60.013 ng  
RT: 3.16 min Scan# 29  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Tgt Ion: 88 Resp: 136644  
Ion Ratio Lower Upper  
88 100  
58 57.3 46.2 69.2  
43 23.6 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.748 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

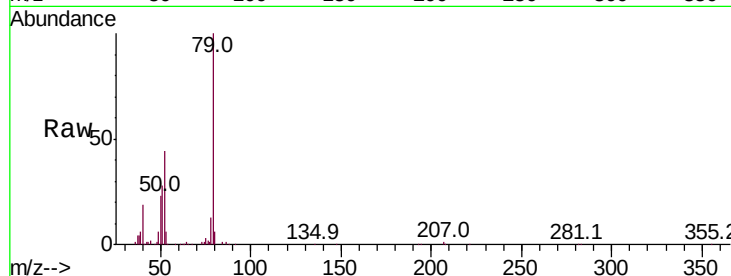
Tot Ion: 79 Resp: 183530

Ion Ratio Lower Upper

79 100

52 44.4 35.8 53.8

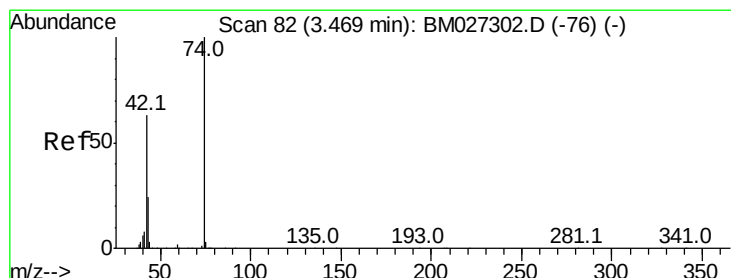
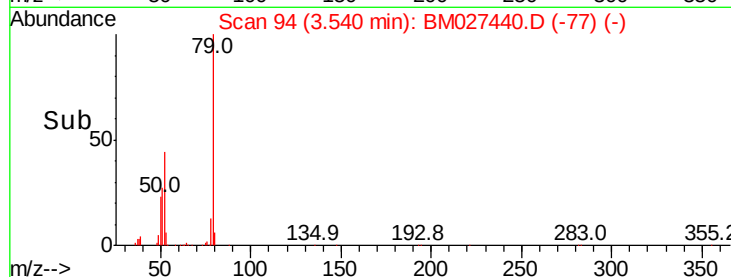
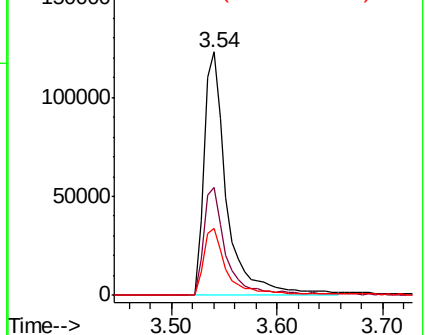
51 27.6 21.0 31.6



Abundance Ion 79.00 (78.70 to 79.70): BM027440.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM027440.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM027440.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 39.139 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

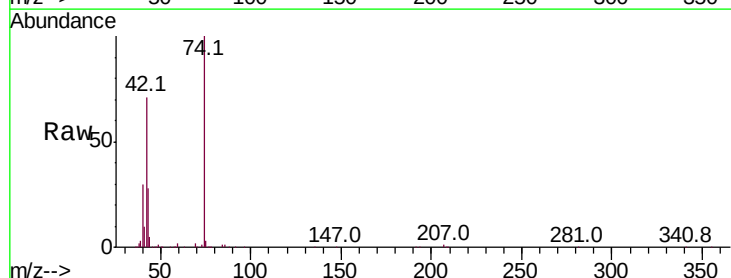
Tgt Ion: 42 Resp: 102167

Ion Ratio Lower Upper

42 100

74 141.3 127.8 191.6

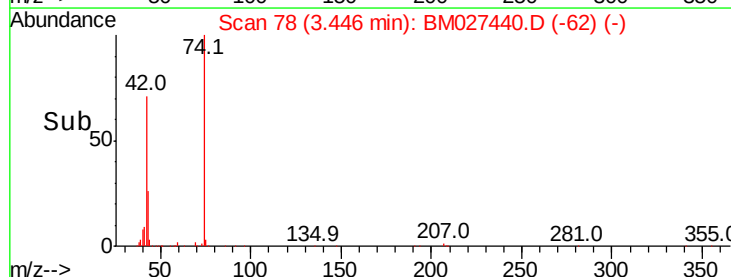
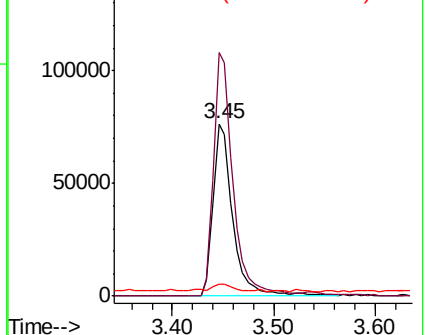
44 7.2 4.1 6.1#

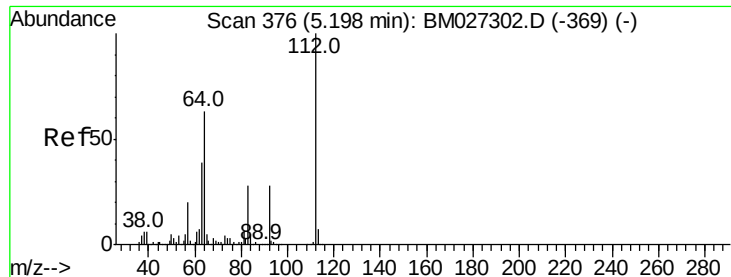


Abundance Ion 42.00 (41.70 to 42.70): BM027440.D (-62) (-)

Ion 74.00 (73.70 to 74.70): BM027440.D (-62) (-)

Ion 44.00 (43.70 to 44.70): BM027440.D (-62) (-)





#5

2-Fluorophenol

Concen: 100.858 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

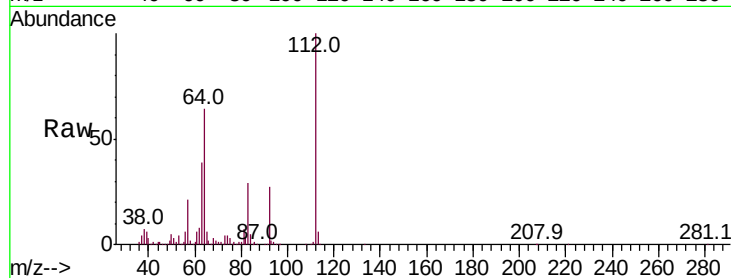
Tot Ion:112 Resp: 538594

Ion Ratio Lower Upper

112 100

64 64.2 50.6 76.0

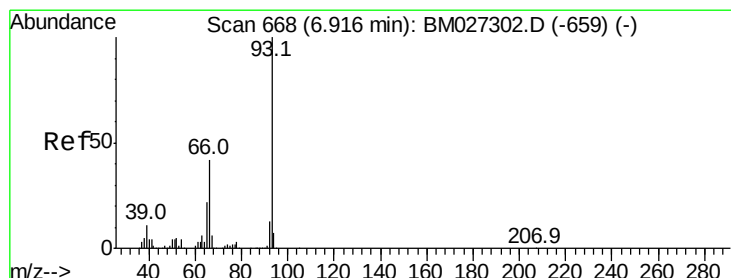
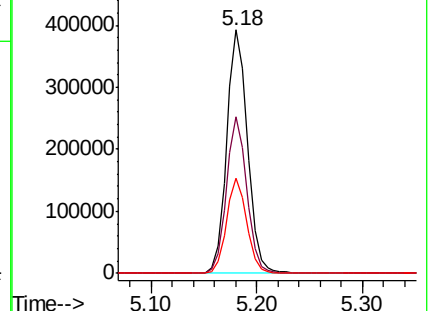
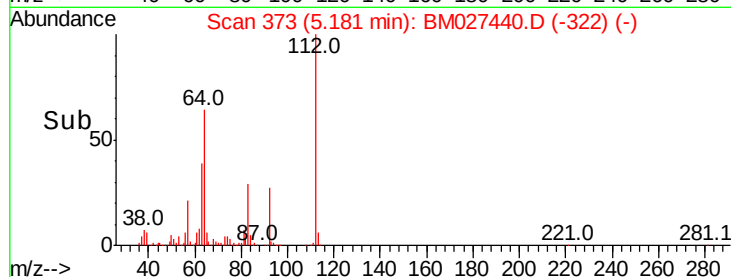
63 39.0 31.0 46.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 32.007 ng

RT: 6.89 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

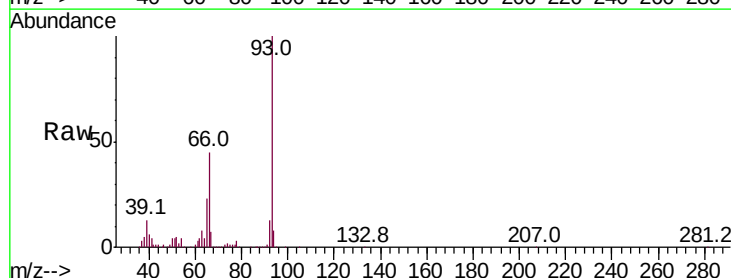
Tgt Ion: 93 Resp: 280366

Ion Ratio Lower Upper

93 100

66 44.9 33.3 49.9

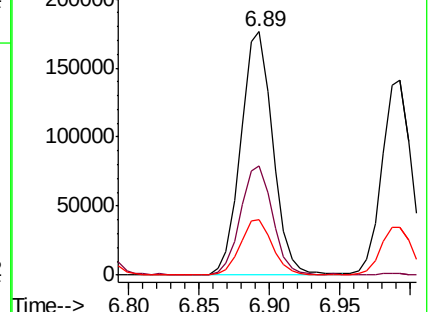
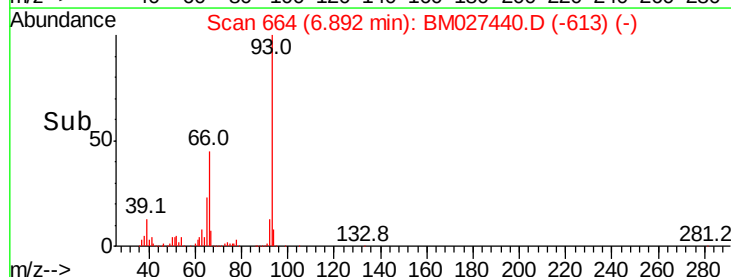
65 22.6 17.4 26.0

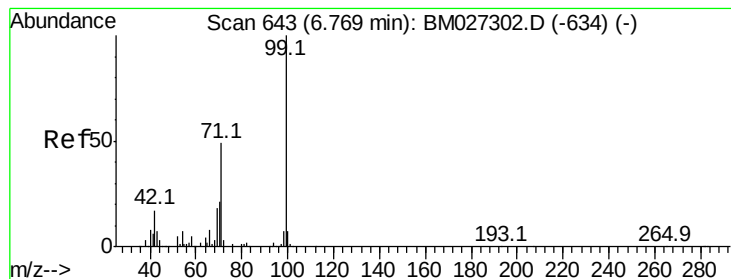


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 91.409 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

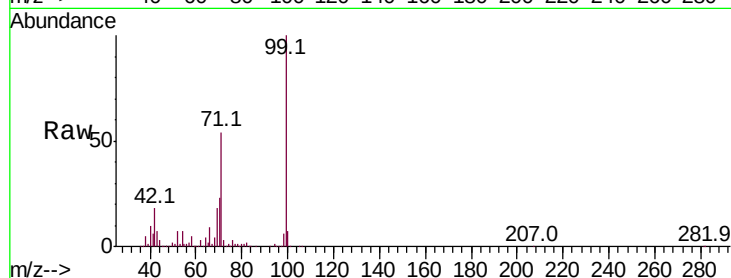
Tot Ion: 99 Resp: 658721

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

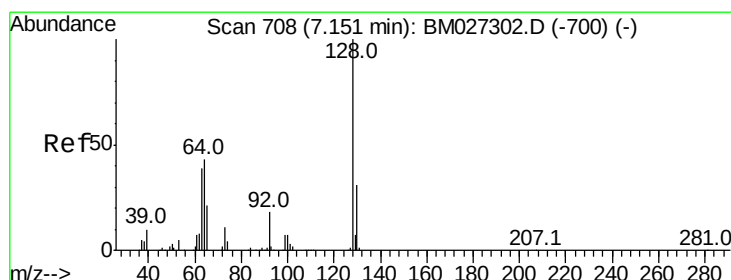
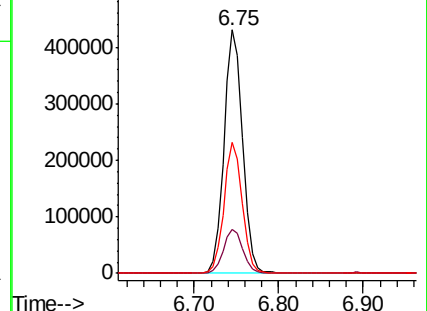
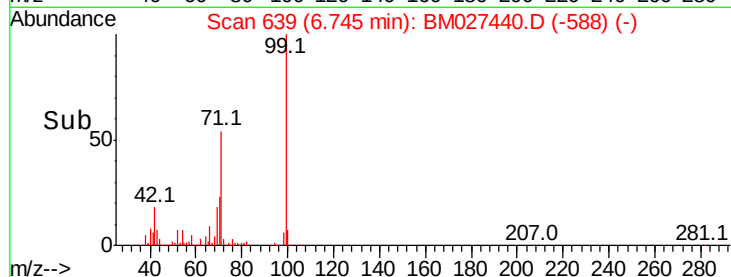
71 53.6 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): BM027302.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM027302.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM027302.D (-634) (-)



#8

2-Chlorophenol

Concen: 39.338 ng

RT: 7.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

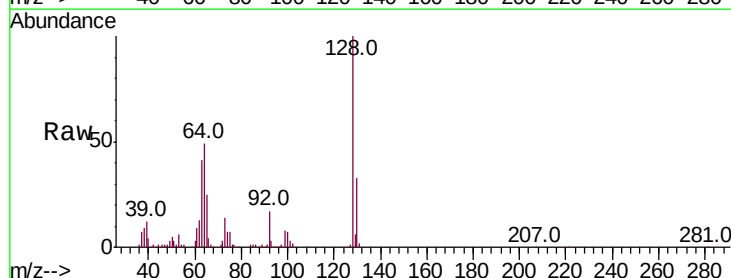
Tgt Ion: 128 Resp: 213853

Ion Ratio Lower Upper

128 100

130 33.0 11.5 51.5

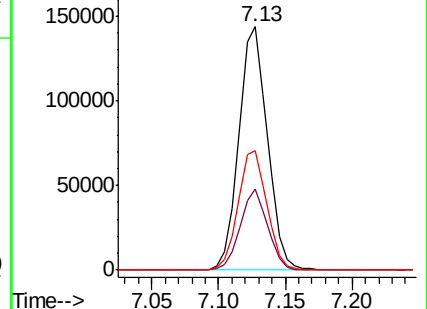
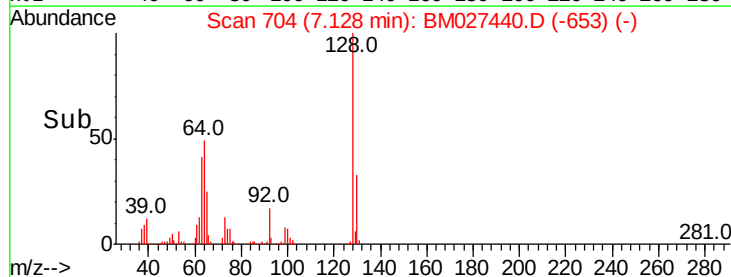
64 49.1 30.1 70.1



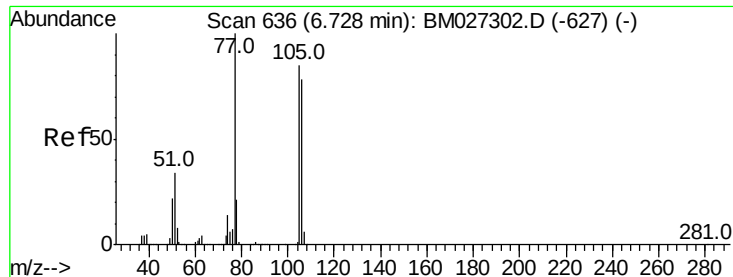
Abundance Ion 128.00 (127.70 to 128.70): BM027302.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM027302.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM027302.D (-700) (-)







#9

Benzaldehyde

Concen: 28.702 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

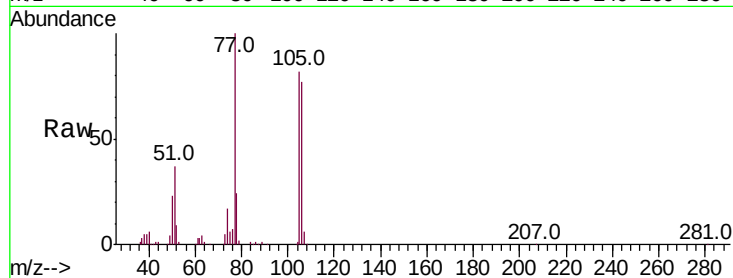
Tot Ion: 77 Resp: 162726

Ion Ratio Lower Upper

77 100

105 82.4 64.7 104.7

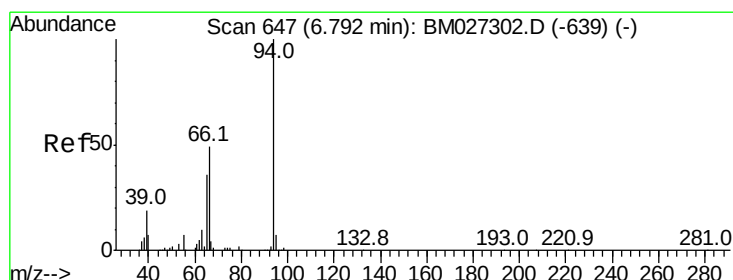
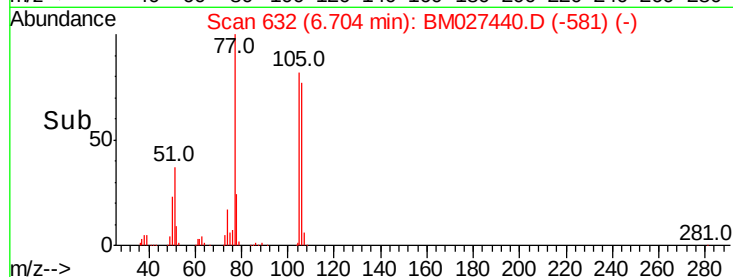
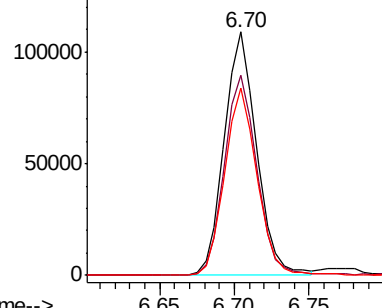
106 76.7 57.5 97.5



Abundance Ion 77.00 (76.70 to 77.70): BM027302.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM027302.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM027302.D (-627) (-)



#10

Phenol

Concen: 38.661 ng

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

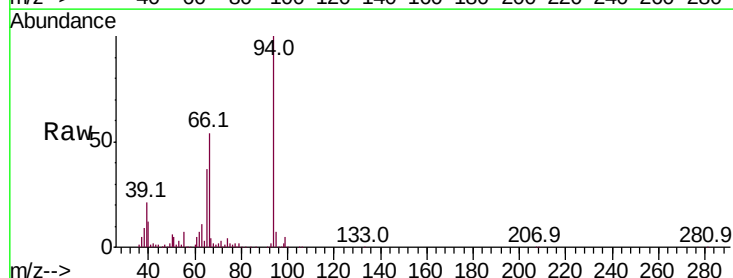
Tgt Ion: 94 Resp: 267716

Ion Ratio Lower Upper

94 100

65 37.3 16.4 56.4

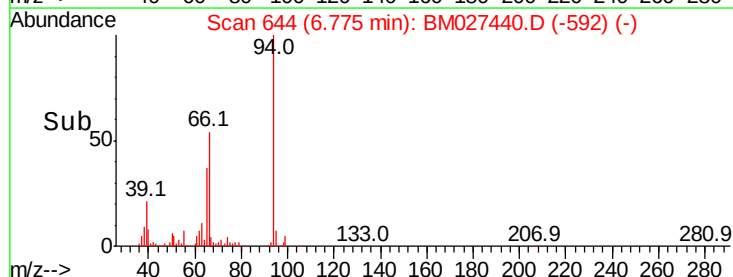
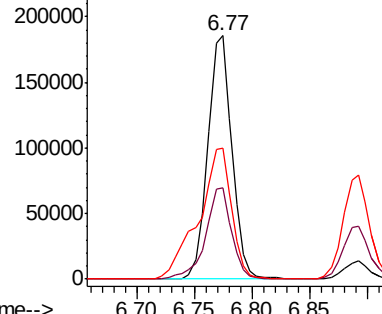
66 53.9 30.2 70.2



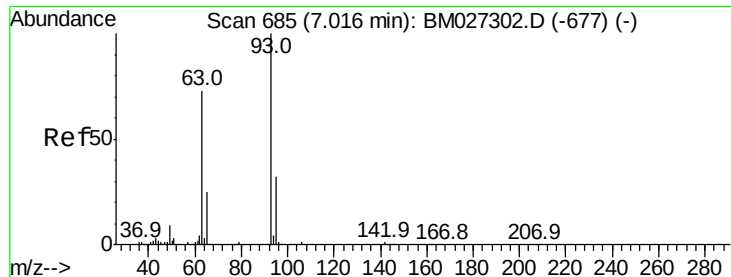
Abundance Ion 94.00 (93.70 to 94.70): BM027302.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM027302.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM027302.D (-639) (-)



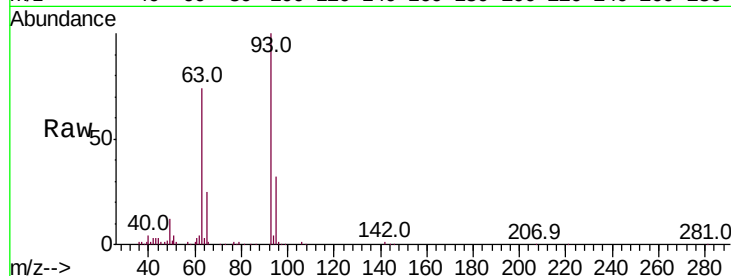




#11  
bis(2-Chloroethyl)ether  
Concen: 35.552 ng  
RT: 6.99 min Scan# 681  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

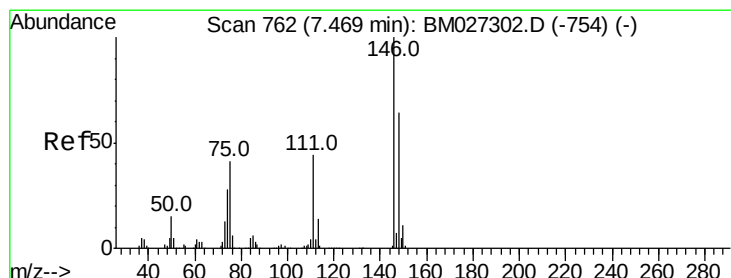
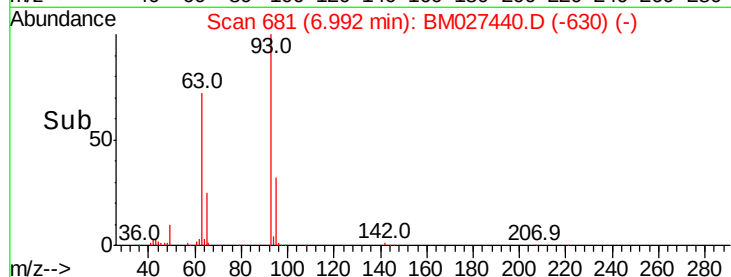
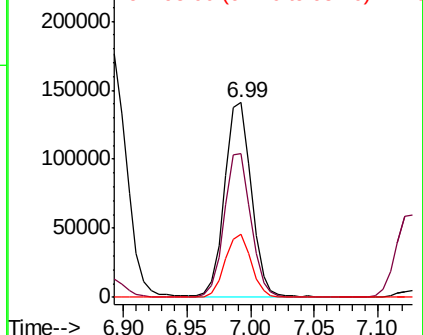
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 73.9  | 53.1  | 93.1  |
| 95      | 32.3  | 12.1  | 52.1  |



Abundance Ion 93.00 (92.70 to 93.70): BM027302.D (-677) (-)

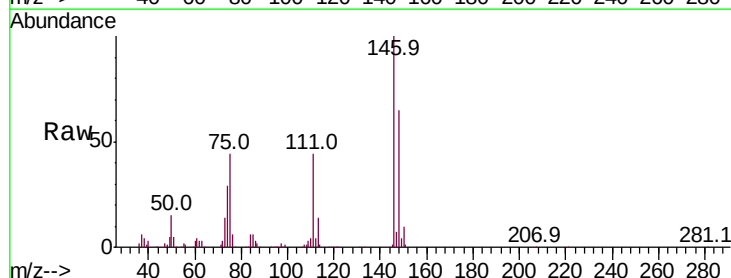
Ion 63.00 (62.70 to 63.70): BM027302.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM027302.D (-677) (-)



#12  
1,3-Dichlorobenzene  
Concen: 36.308 ng  
RT: 7.45 min Scan# 758  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

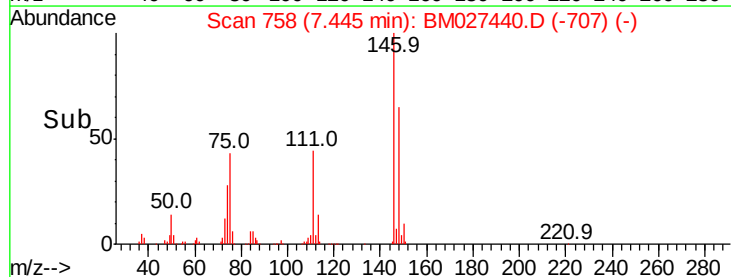
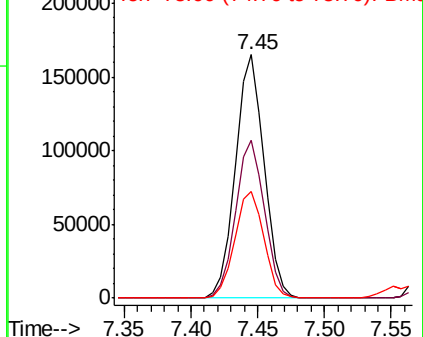
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 51.6  | 77.4  |
| 75      | 43.7  | 33.0  | 49.6  |

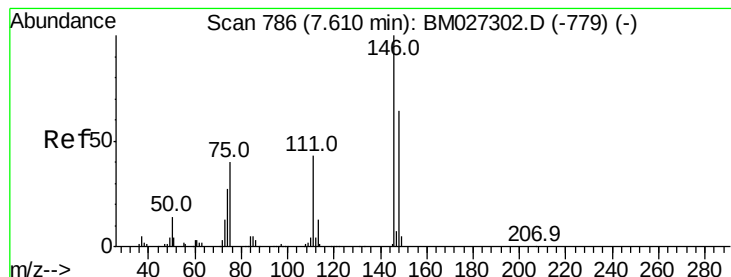


Abundance Ion 146.00 (145.70 to 146.70): BM027302.D (-754) (-)

Ion 148.00 (147.70 to 148.70): BM027302.D (-754) (-)

Ion 75.00 (74.70 to 75.70): BM027302.D (-754) (-)





#13

1,4-Dichlorobenzene

Concen: 36.927 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

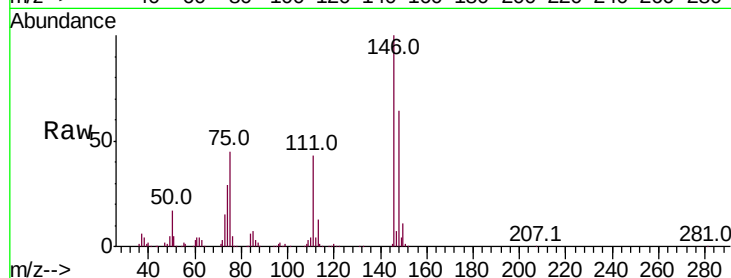
Tot Ion:146 Resp: 251242

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

111 43.1 34.4 51.6

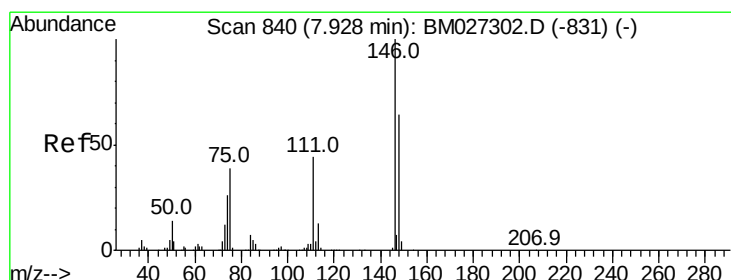
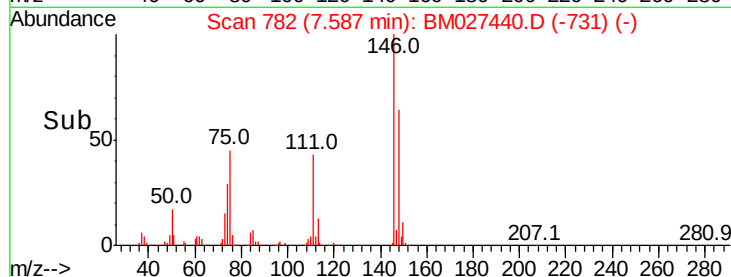
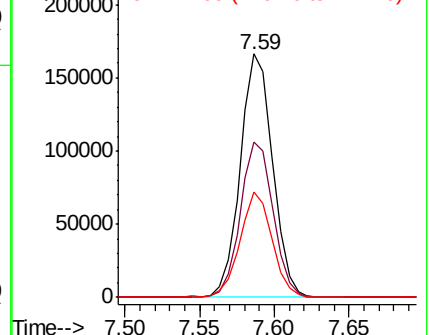


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.839 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

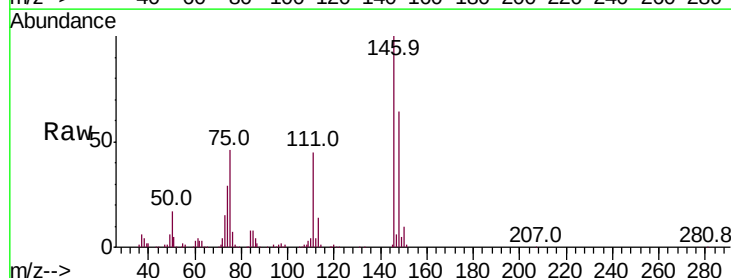
Tgt Ion:146 Resp: 240847

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

111 45.3 35.4 53.0

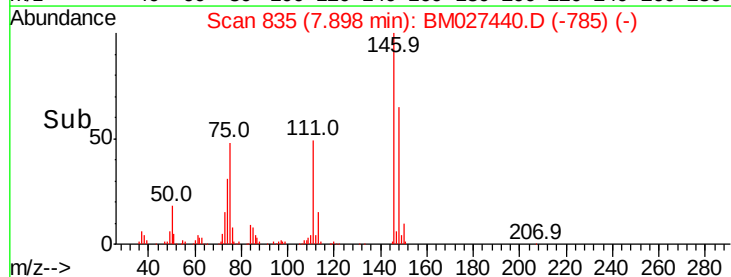
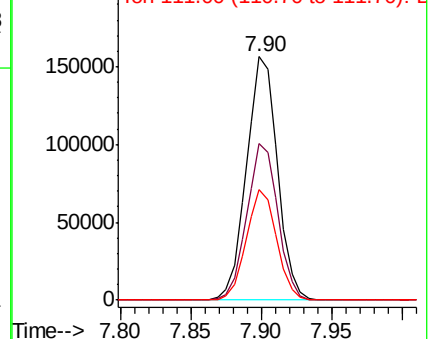


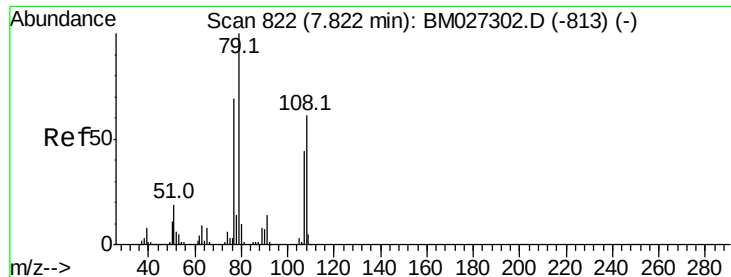
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.117 ng

RT: 7.80 min Scan# 818

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

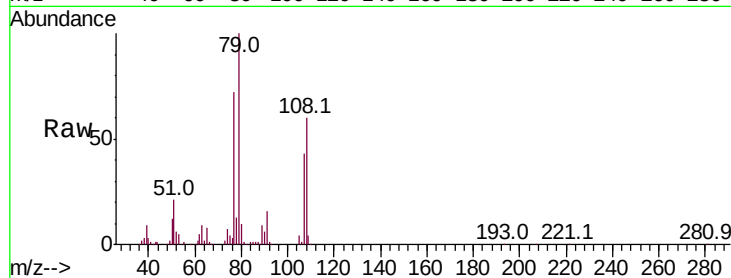
Tot Ion: 79 Resp: 223675

Ion Ratio Lower Upper

79 100

108 59.7 49.0 73.4

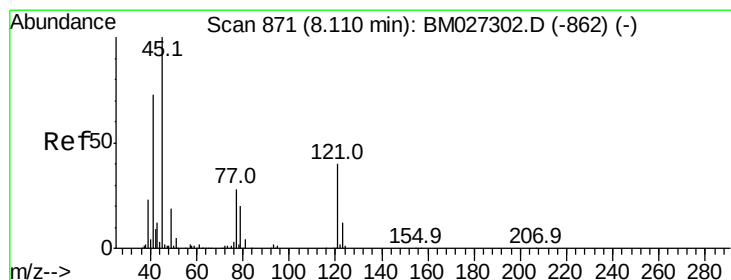
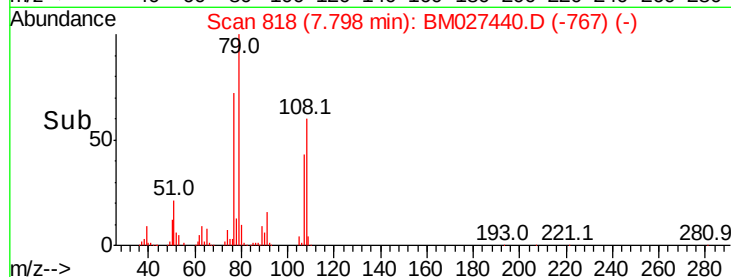
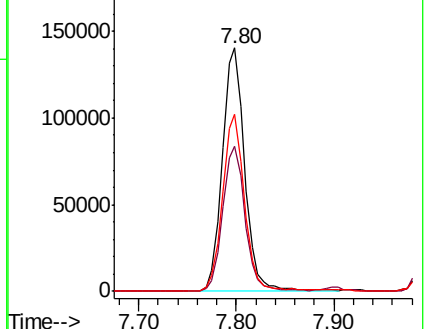
77 72.5 55.2 82.8



Abundance Ion 79.00 (78.70 to 79.70): BM027302.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM027302.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM027302.D (-813) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.341 ng

RT: 8.08 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

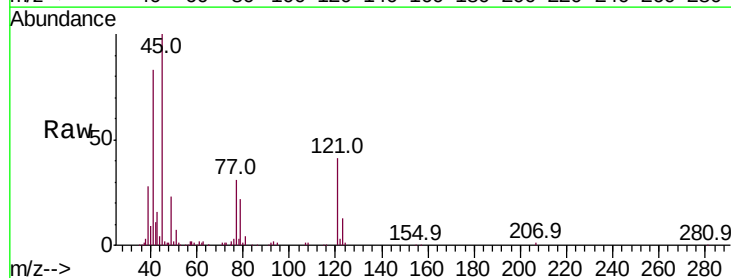
Tgt Ion: 45 Resp: 147135

Ion Ratio Lower Upper

45 100

77 31.3 9.5 49.5

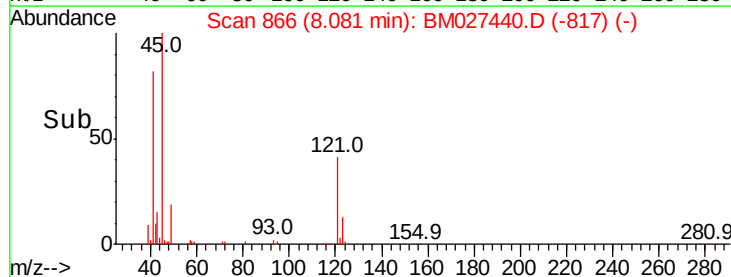
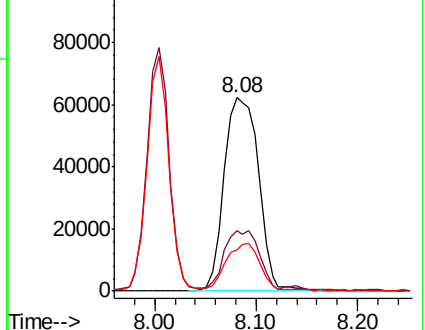
79 21.6 1.8 41.8

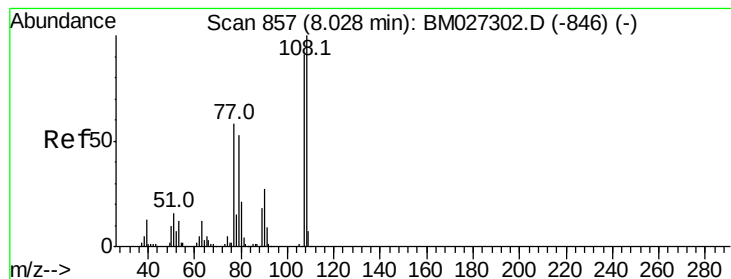


Abundance Ion 45.00 (44.70 to 45.70): BM027302.D (-862) (-)

Ion 77.00 (76.70 to 77.70): BM027302.D (-862) (-)

Ion 79.00 (78.70 to 79.70): BM027302.D (-862) (-)

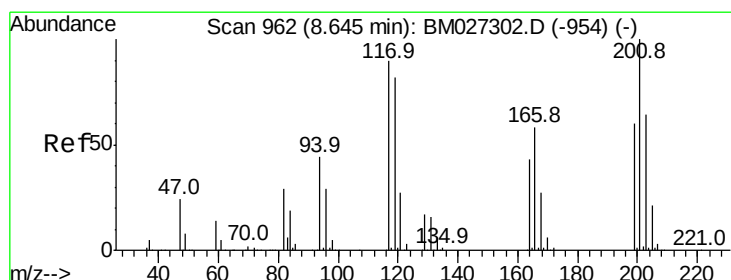
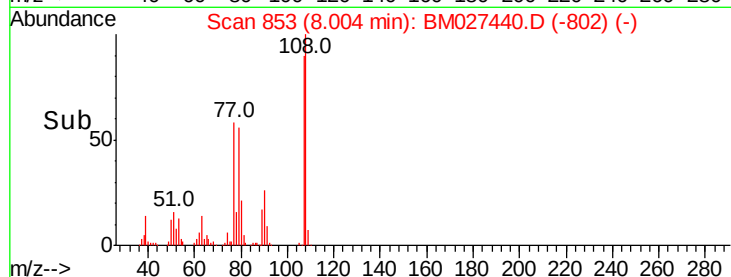
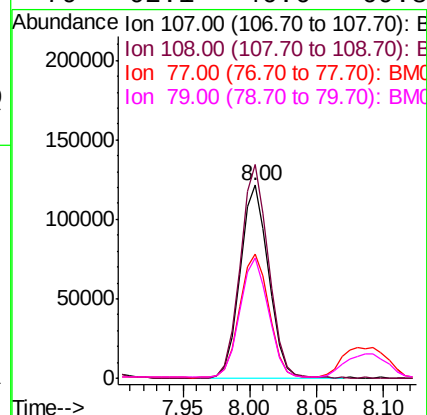
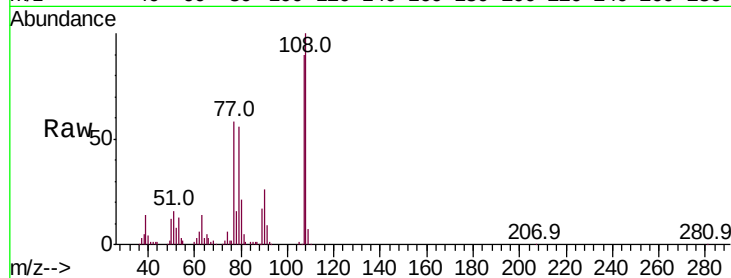




#17  
2-Methylphenol  
Concen: 37.856 ng  
RT: 8.00 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

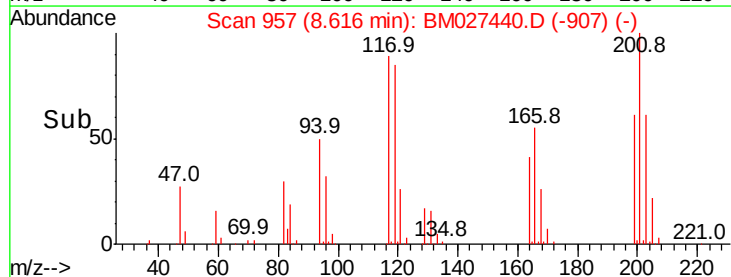
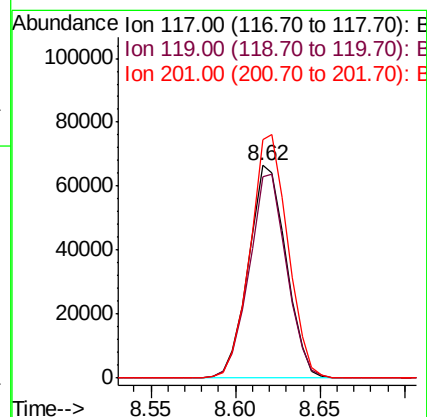
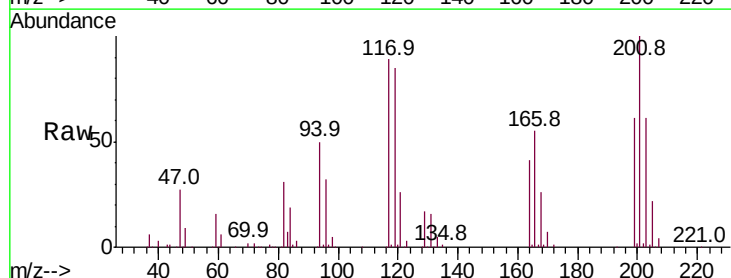
Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

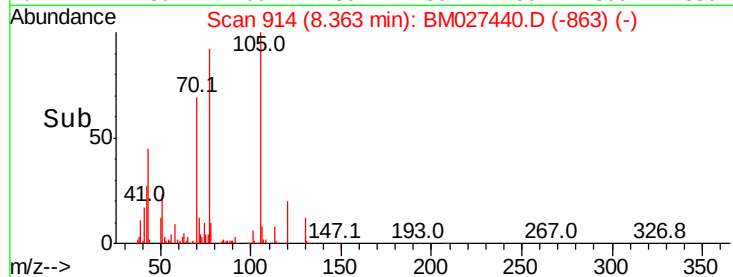
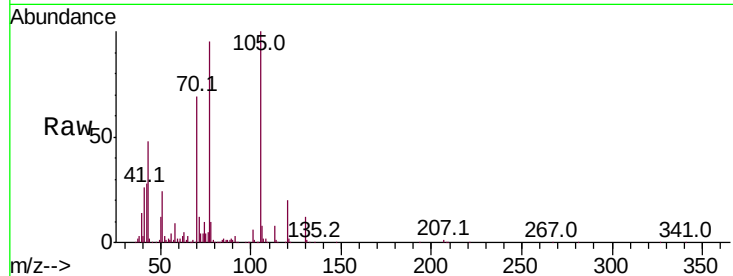
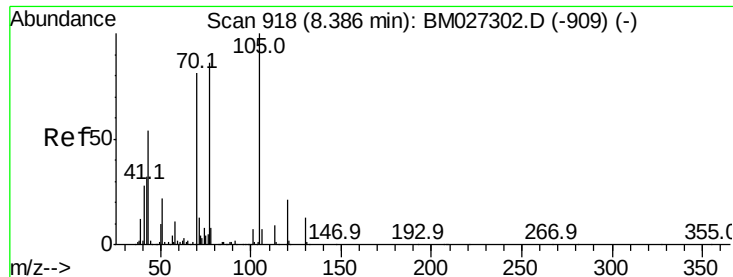
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.5 | 87.8  | 131.6 |
| 77      | 64.5  | 50.9  | 76.3  |
| 79      | 62.1  | 46.6  | 69.8  |



#18  
Hexachloroethane  
Concen: 37.893 ng  
RT: 8.62 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.0  | 73.1  | 109.7 |
| 201     | 112.0 | 88.7  | 133.1 |

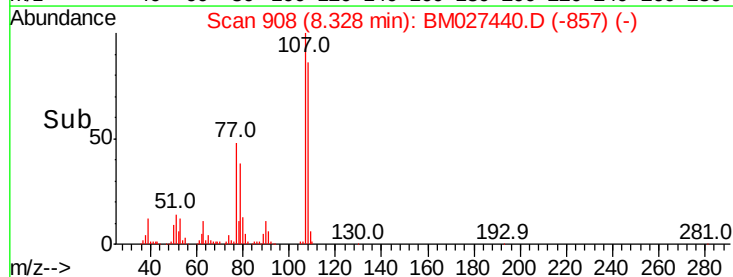
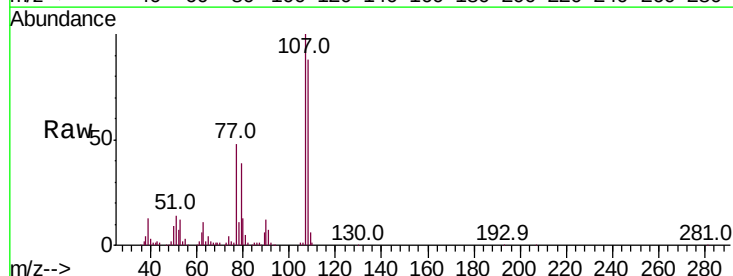
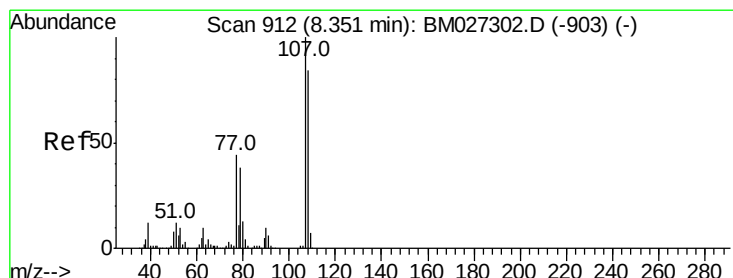
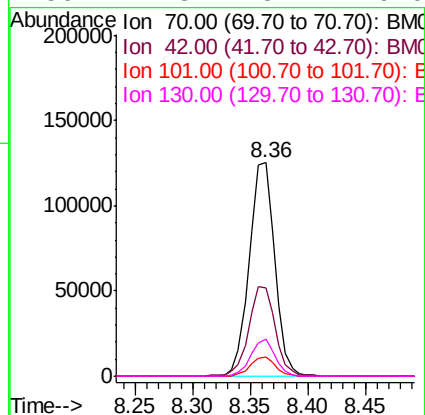




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.691 ng  
RT: 8.36 min Scan# 914  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

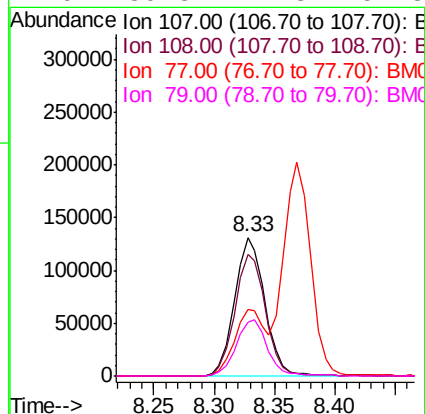
Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

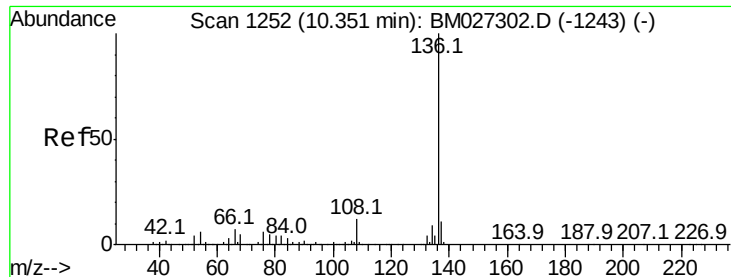
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 193346 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 41.6  | 31.9  | 47.9   |
| 101      | 8.8   | 7.0   | 10.4   |
| 130      | 17.3  | 13.4  | 20.0   |



#20  
3+4-Methylphenols  
Concen: 35.698 ng  
RT: 8.33 min Scan# 908  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 229021 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.7  | 64.5  | 104.5  |
| 77       | 48.4  | 24.2  | 64.2   |
| 79       | 39.3  | 17.8  | 57.8   |

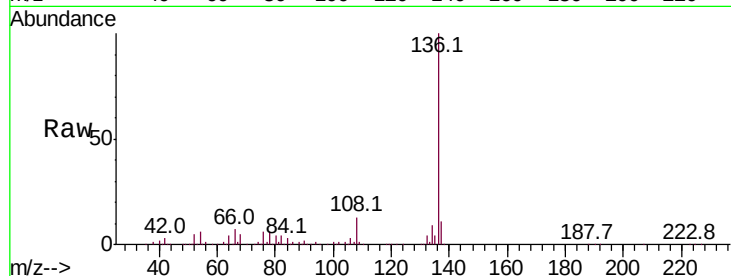




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.32 min Scan# 1247  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 331902   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 8.6 12.8 |
| 54          | 6.4   | 4.6 7.0  |
| 68          | 4.9   | 4.1 6.1  |



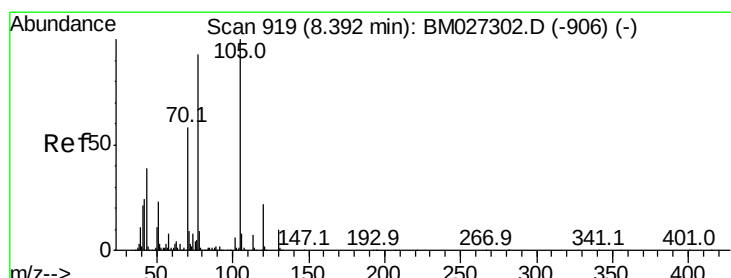
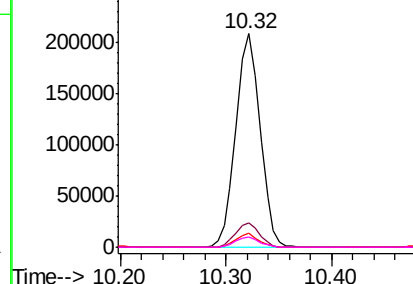
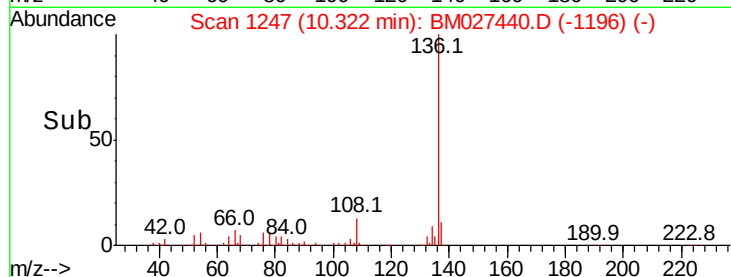
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

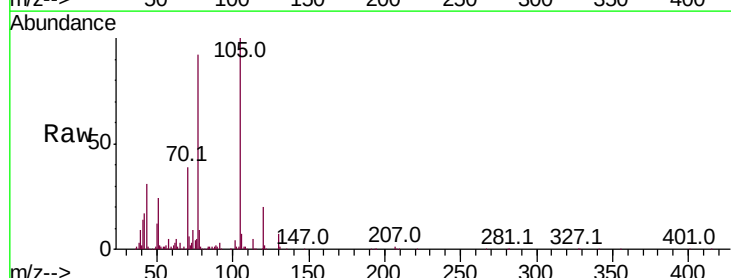
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22  
Acetophenone  
Concen: 36.243 ng  
RT: 8.37 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 338643    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.9   | 7.6 11.4# |
| 51          | 23.9  | 18.6 28.0 |
| 120         | 20.4  | 17.3 25.9 |



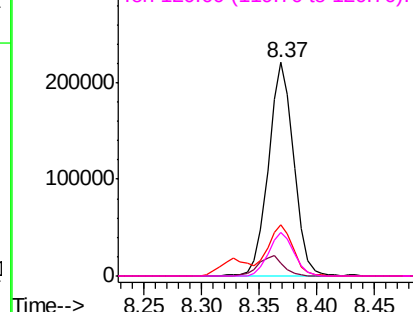
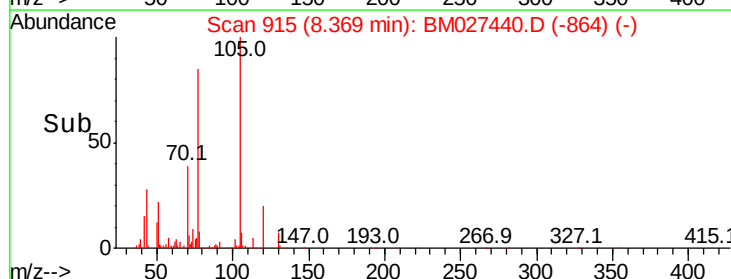
Abundance

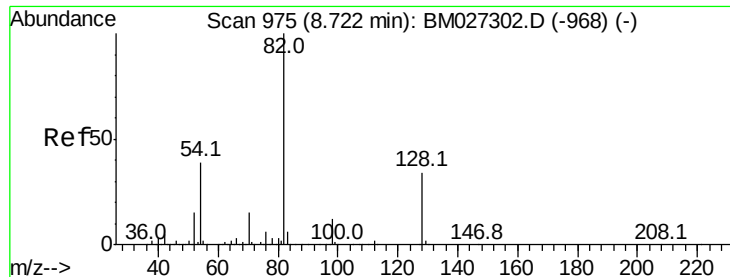
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

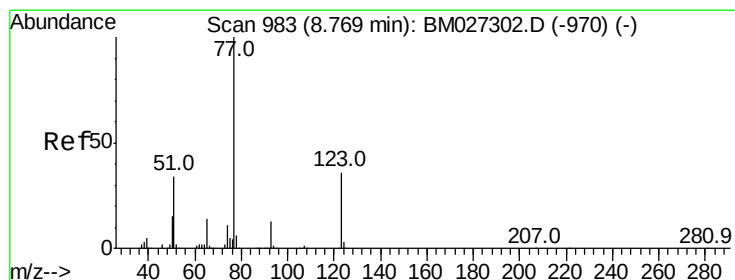
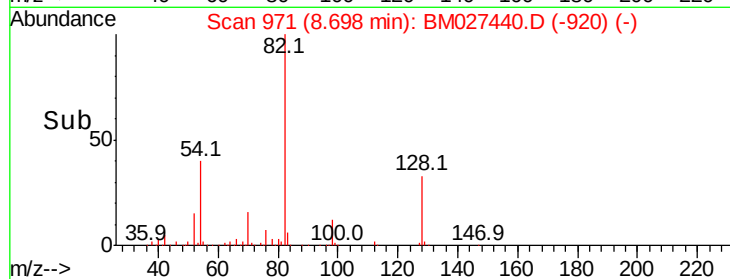
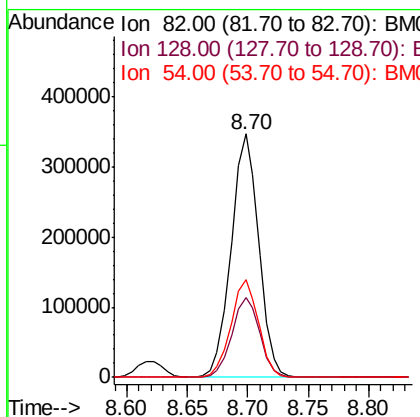
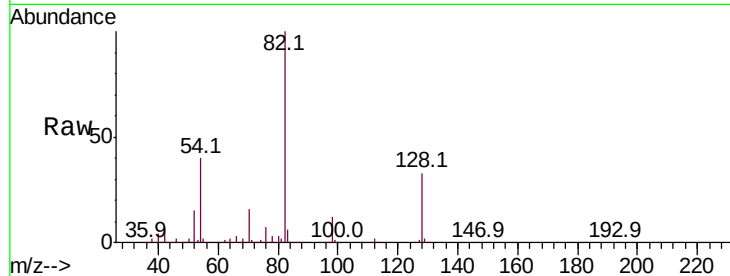




#23  
 Nitrobenzene-d5  
 Concen: 71.109 ng  
 RT: 8.70 min Scan# 971  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

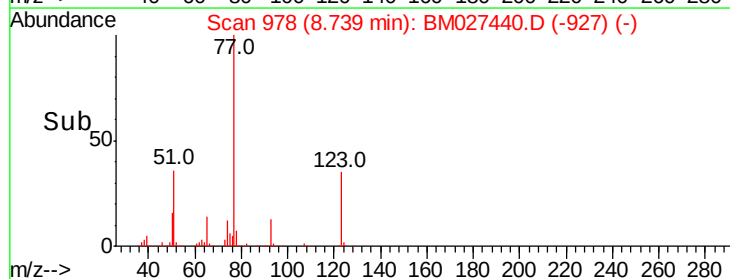
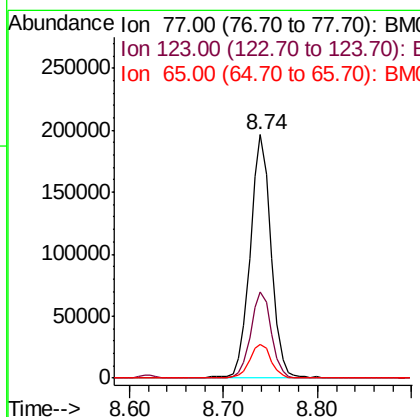
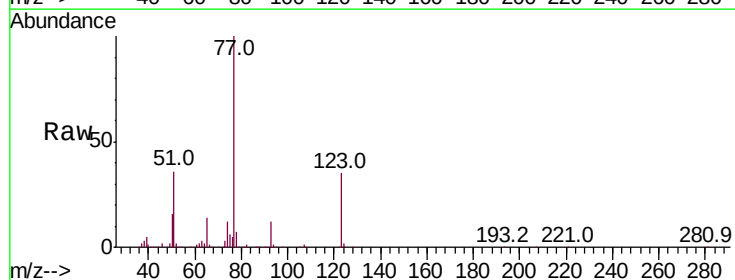
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

| Tot Ion   | 82   | Resp  | 552443 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 32.7 | 27.4  | 41.0   |
| 54        | 40.0 | 31.4  | 47.0   |

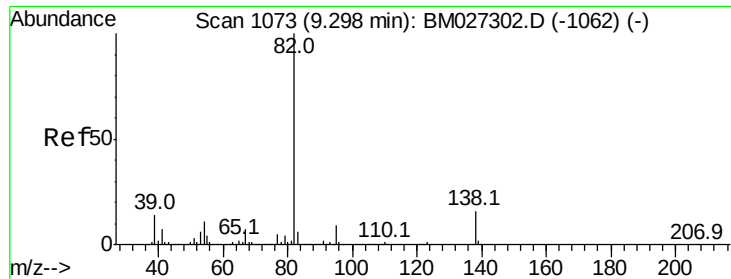


#24  
 Nitrobenzene  
 Concen: 37.108 ng  
 RT: 8.74 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

| Tgt Ion   | 77   | Resp  | 300121 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 35.1 | 29.1  | 43.7   |
| 65        | 13.9 | 11.3  | 16.9   |



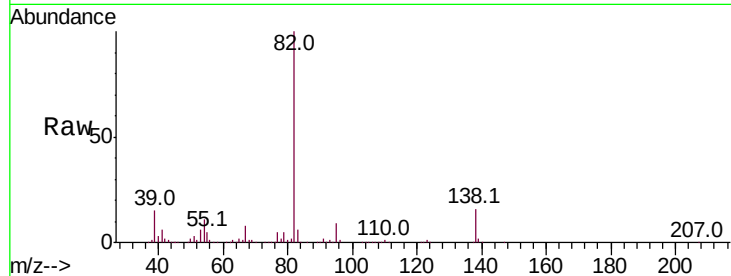




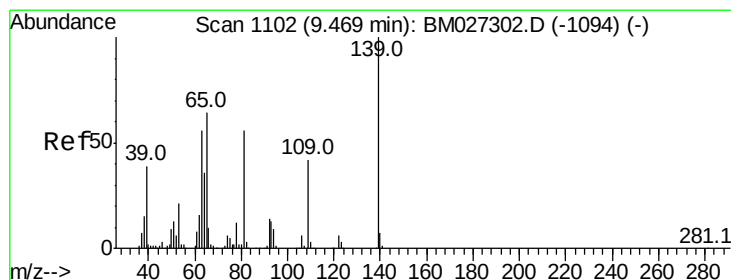
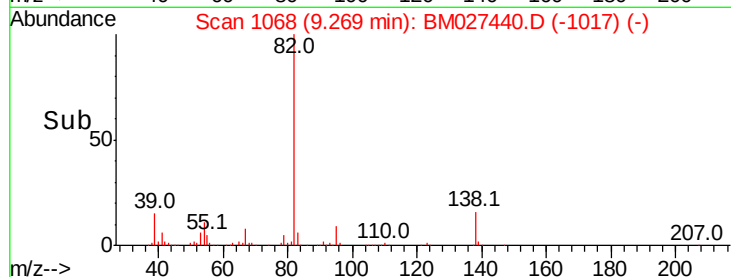
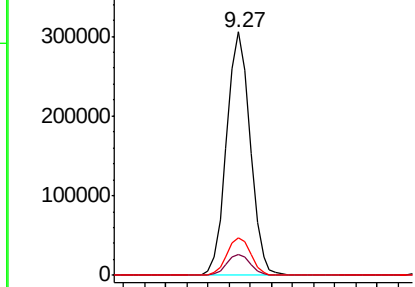
#25  
Isophorone  
Concen: 34.653 ng  
RT: 9.27 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

Tot Ion: 82 Resp: 473620  
Ion Ratio Lower Upper  
82 100  
95 8.7 6.8 10.2  
138 15.5 13.1 19.7

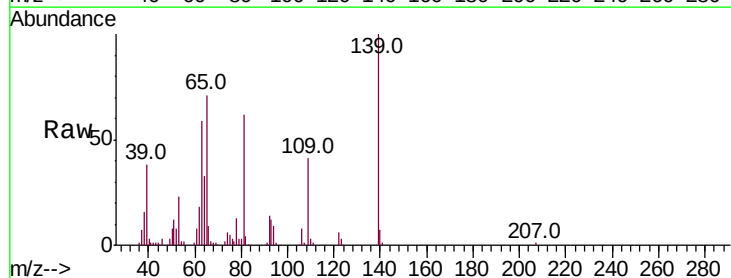


Abundance Ion 82.00 (81.70 to 82.70): BM0  
Ion 95.00 (94.70 to 95.70): BM0  
Ion 138.00 (137.70 to 138.70): E

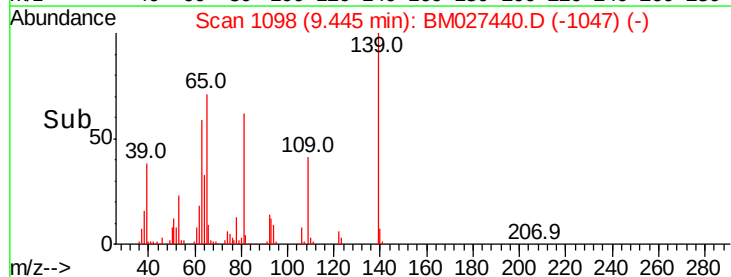
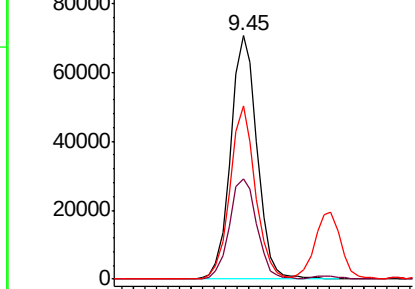


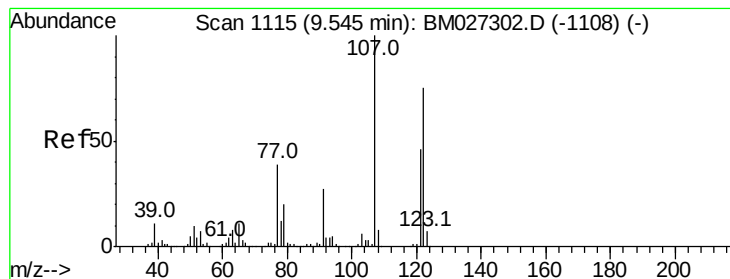
#26  
2-Nitrophenol  
Concen: 37.278 ng  
RT: 9.45 min Scan# 1098  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Tgt Ion: 139 Resp: 111917  
Ion Ratio Lower Upper  
139 100  
109 41.3 33.8 50.8  
65 70.9 51.0 76.6



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BM0





#27

2,4-Dimethylphenol

Concen: 36.353 ng

RT: 9.52 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

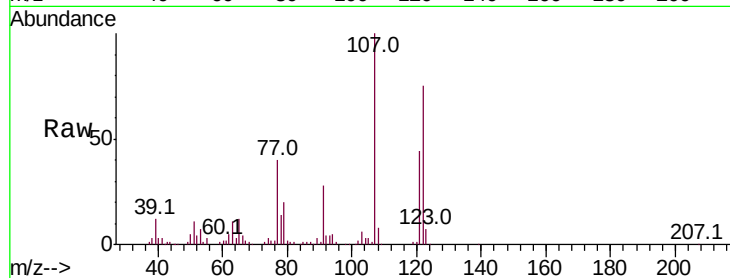
Tot Ion:122 Resp: 186397

Ion Ratio Lower Upper

122 100

107 133.9 106.6 159.8

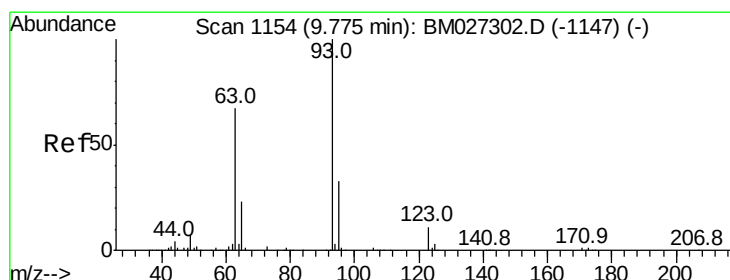
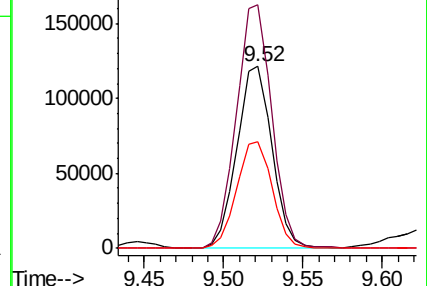
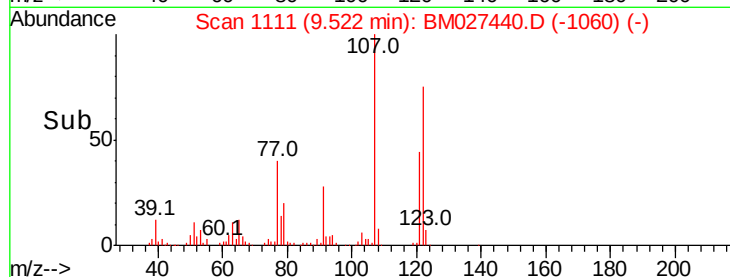
121 58.8 48.8 73.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.174 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

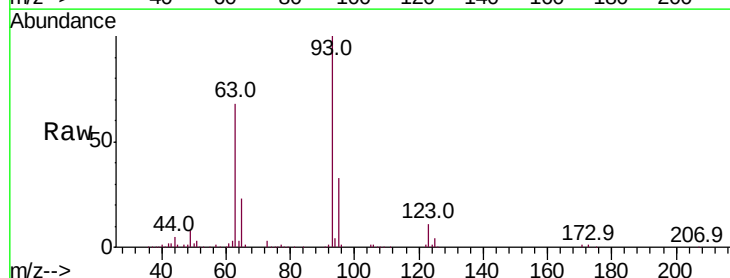
Tgt Ion: 93 Resp: 275800

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

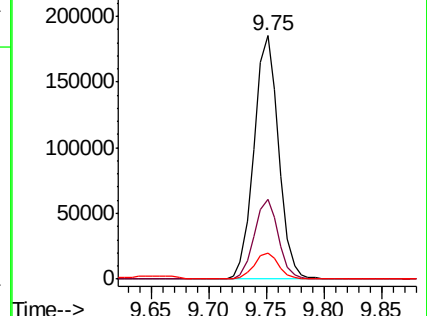
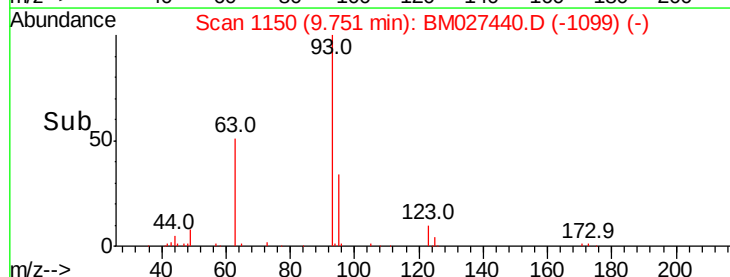
123 10.7 8.6 12.8

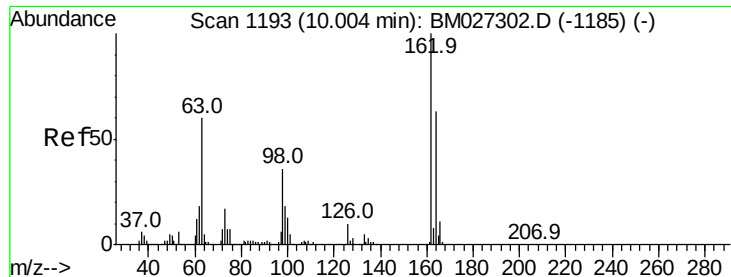


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

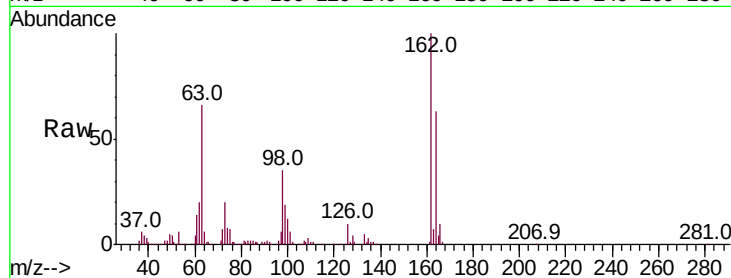




#29  
 2,4-Dichlorophenol  
 Concen: 38.589 ng  
 RT: 9.98 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 43.2  | 83.2  |
| 98      | 35.2  | 15.7  | 55.7  |

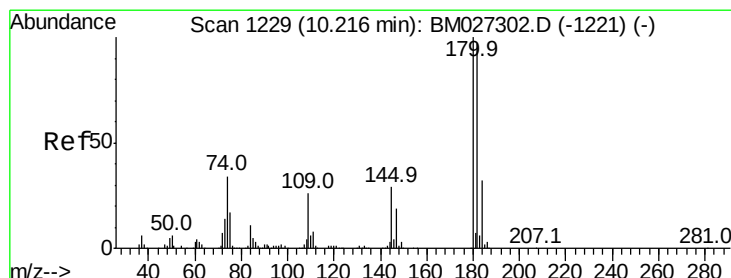
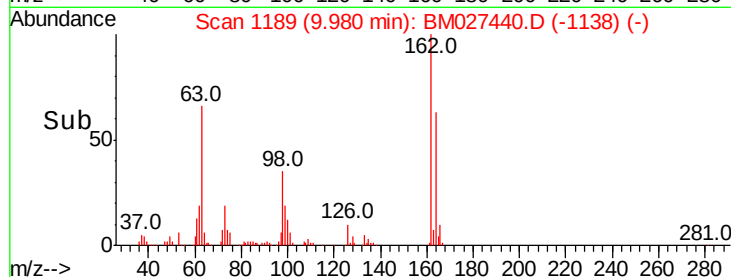
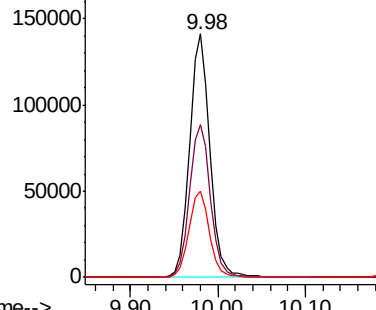


Abundance

Ion 162.00 (161.70 to 162.70): E

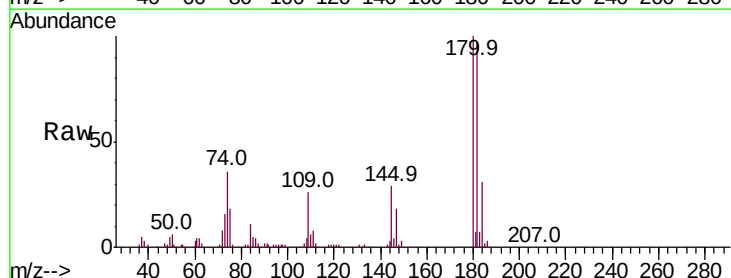
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.554 ng  
 RT: 10.19 min Scan# 1225  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 77.7  | 116.5 |
| 145     | 29.0  | 23.4  | 35.0  |

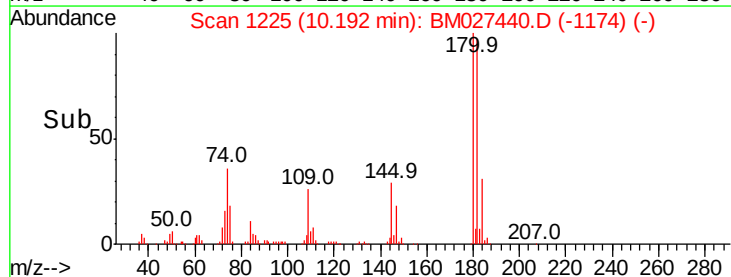
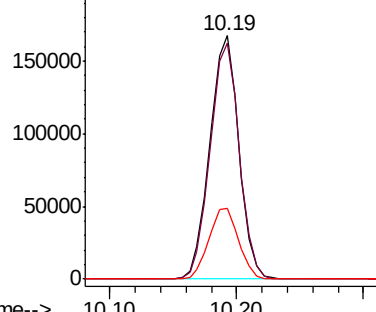


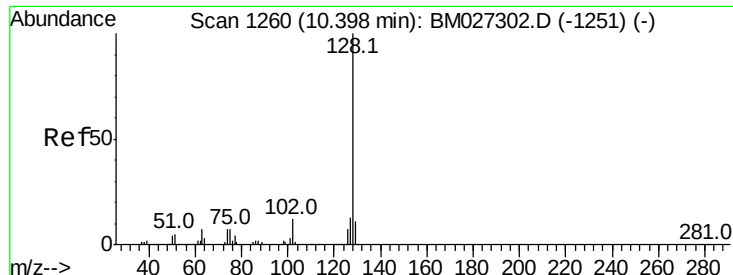
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.518 ng

RT: 10.37 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

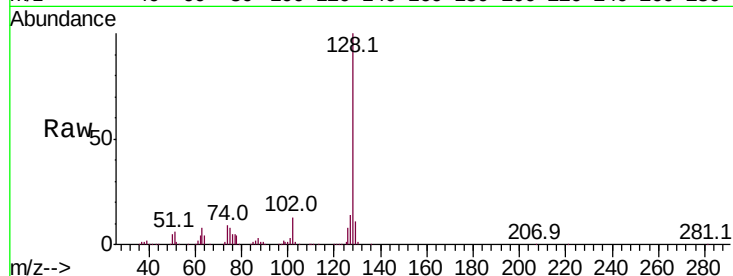
Tot Ion:128 Resp: 649259

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

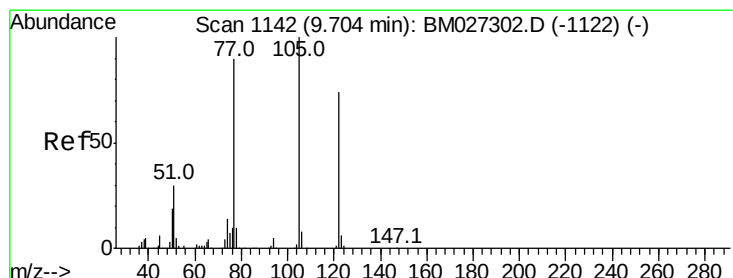
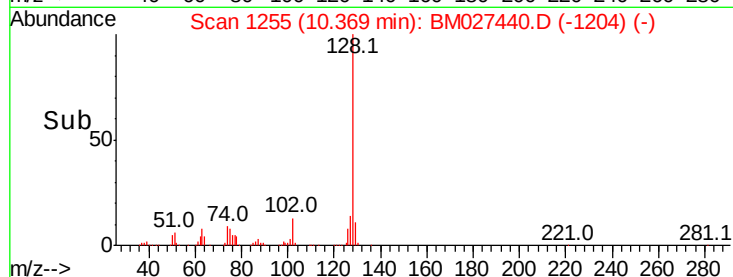
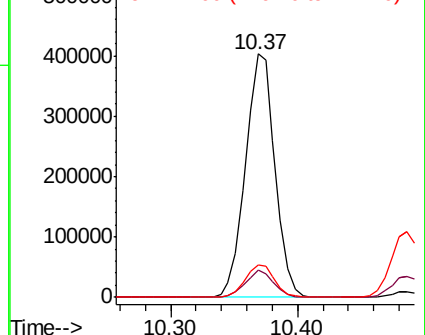
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.798 ng

RT: 9.66 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

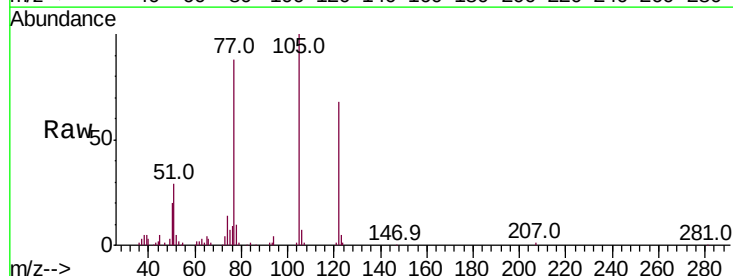
Tgt Ion:122 Resp: 98929

Ion Ratio Lower Upper

122 100

105 146.6 114.0 154.0

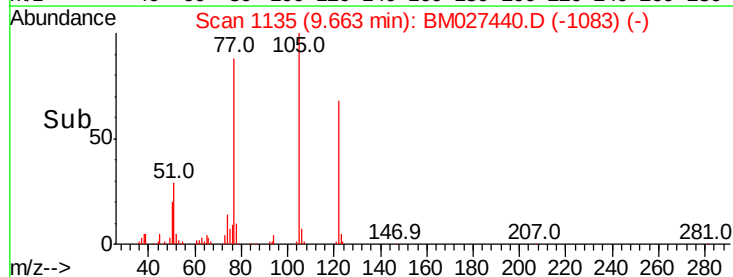
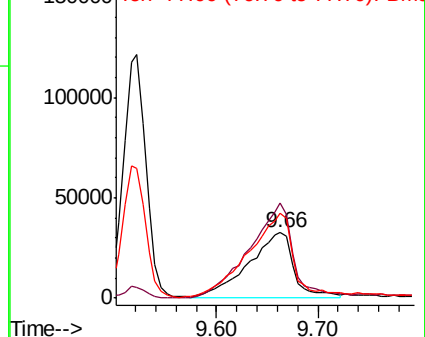
77 129.5 101.8 141.8

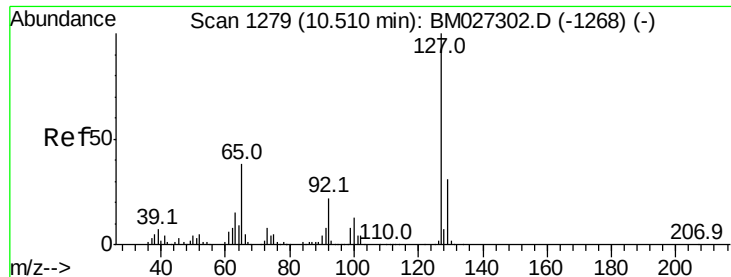


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

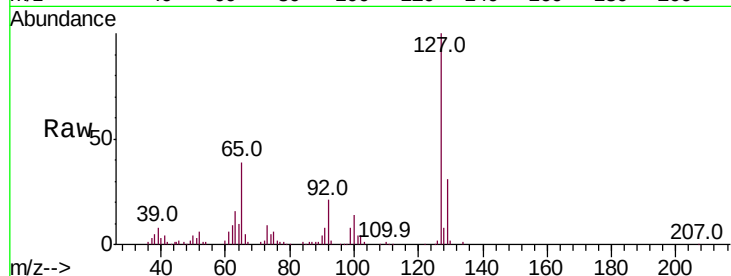




#33  
4-Chloroaniline  
Concen: 26.028 ng  
RT: 10.49 min Scan# 1275  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 196463 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.8  | 24.7  | 37.1   |
| 65       | 39.1  | 30.2  | 45.4   |
| 92       | 21.5  | 17.8  | 26.8   |



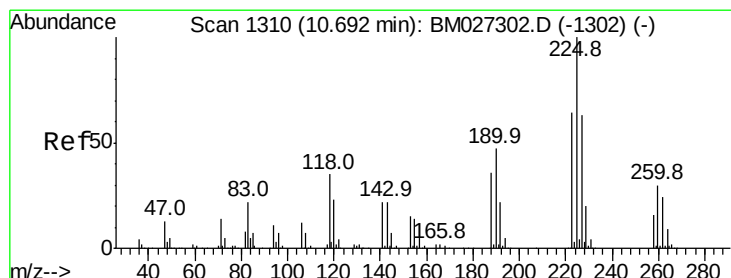
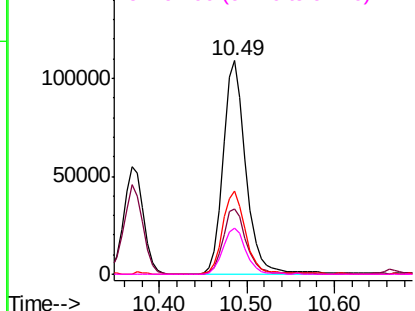
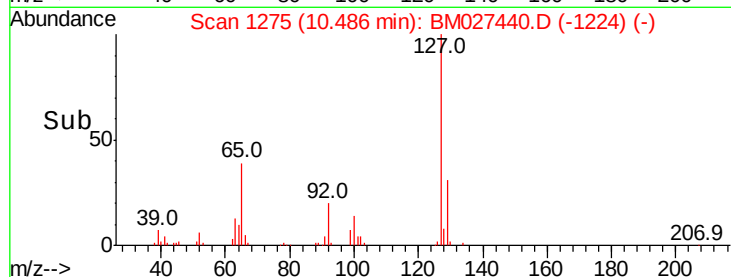
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

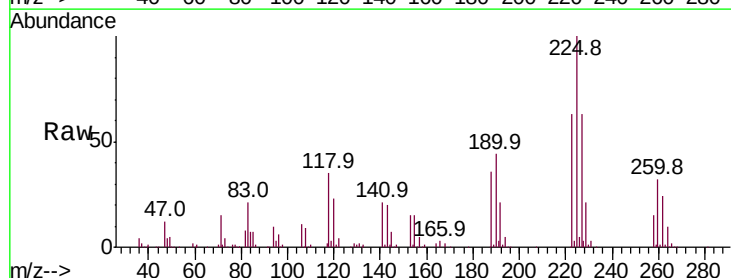
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 38.916 ng  
RT: 10.67 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 185366 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 51.0  | 76.4   |
| 227      | 62.9  | 50.6  | 75.8   |

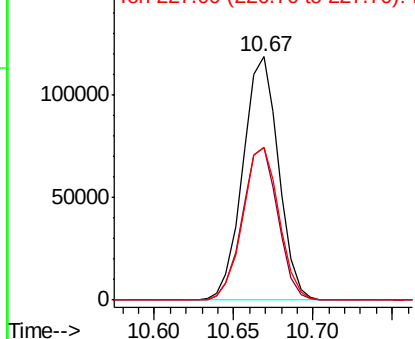
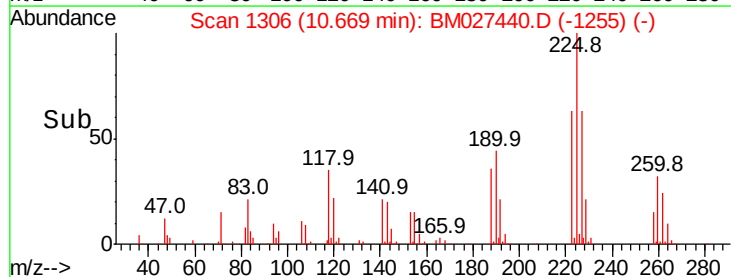


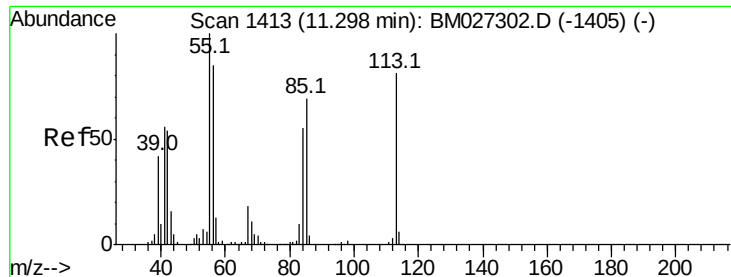
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 10.970 ng

RT: 11.27 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

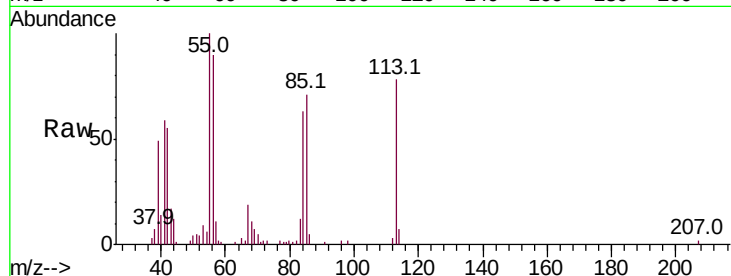
Tot Ion:113 Resp: 19060

Ion Ratio Lower Upper

113 100

55 127.4 103.2 143.2

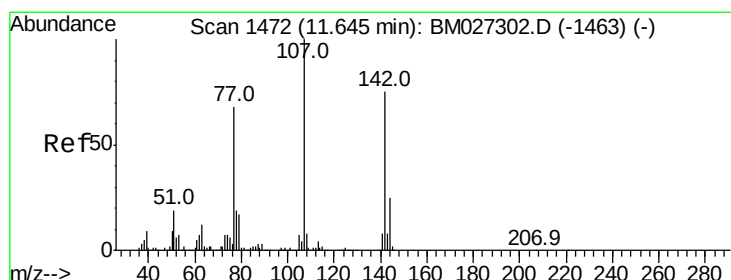
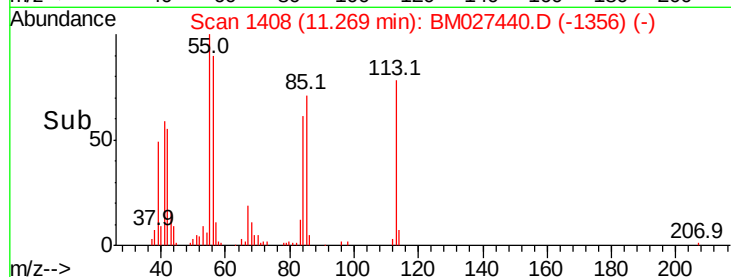
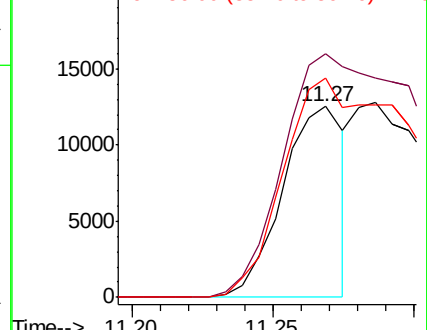
56 114.7 84.2 124.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 36.335 ng

RT: 11.62 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

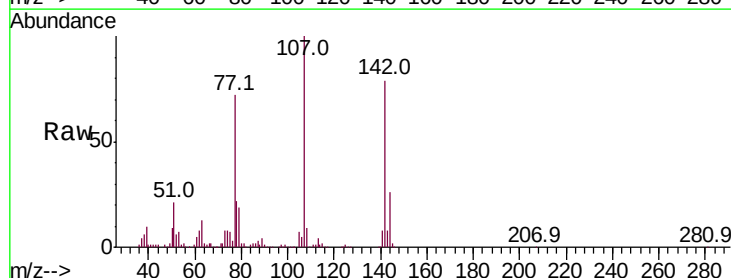
Tgt Ion:107 Resp: 230473

Ion Ratio Lower Upper

107 100

144 25.8 20.1 30.1

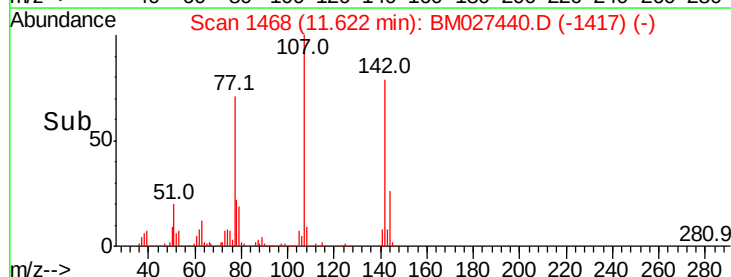
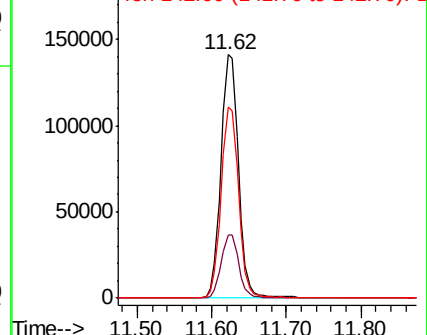
142 78.8 60.3 90.5

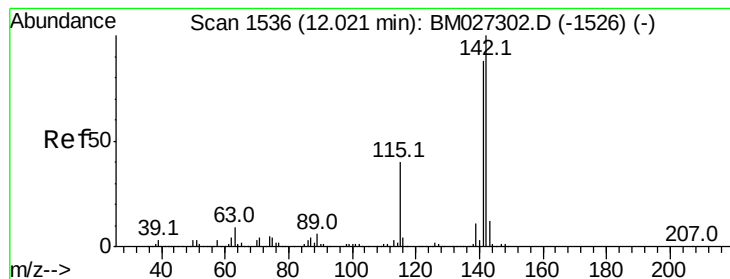


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.416 ng

RT: 11.99 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

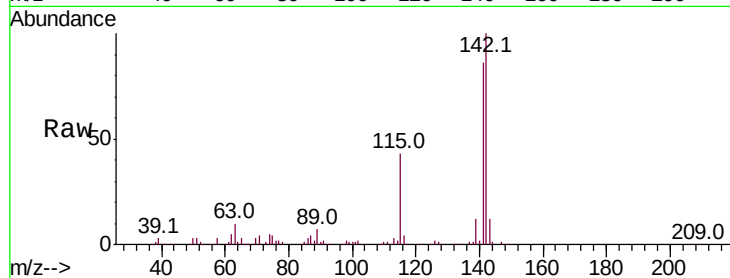
Tot Ion:142 Resp: 507314

Ion Ratio Lower Upper

142 100

141 86.2 70.3 105.5

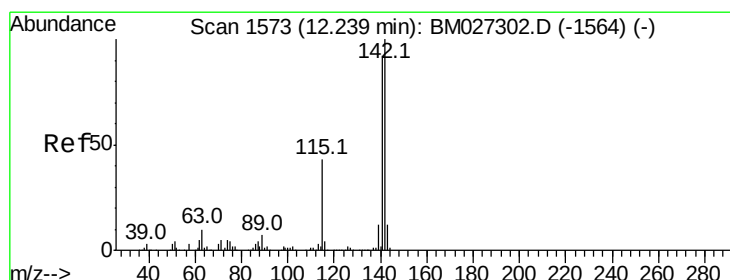
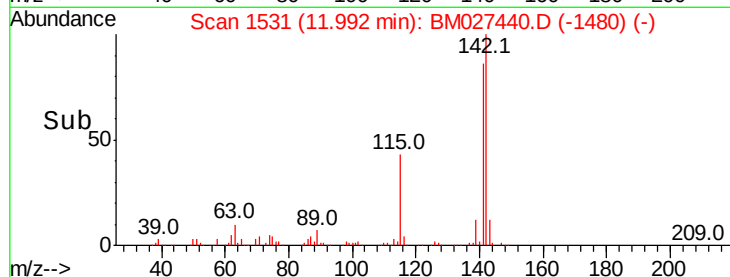
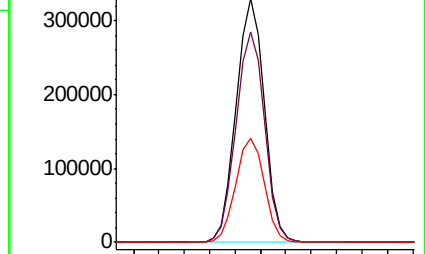
115 42.8 32.2 48.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.118 ng

RT: 12.22 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

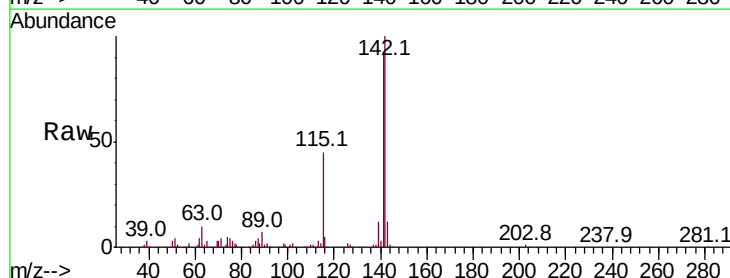
Tgt Ion:142 Resp: 485519

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.6

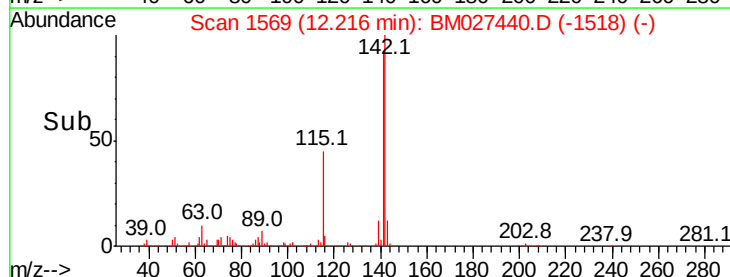
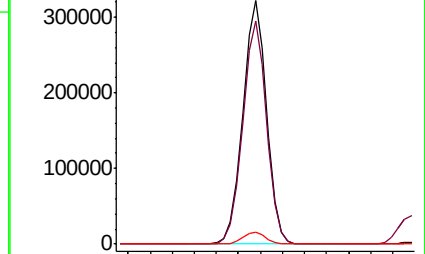
116 4.9 3.5 5.3

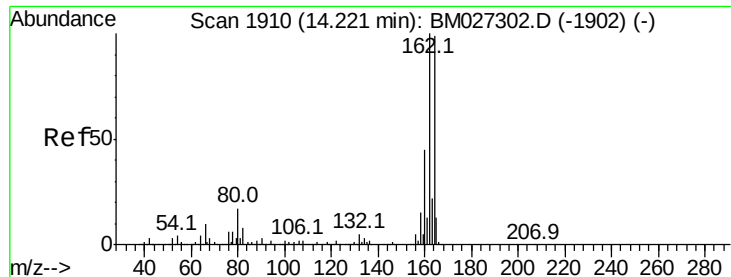


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

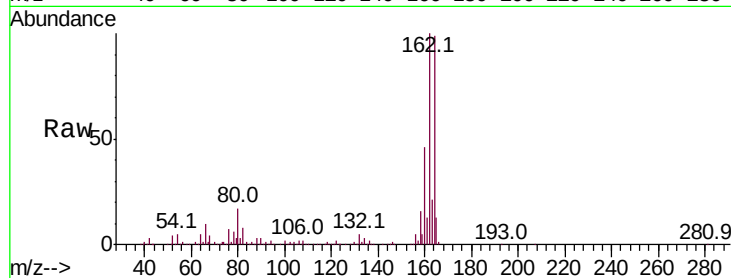
Tot Ion:164 Resp: 244695

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

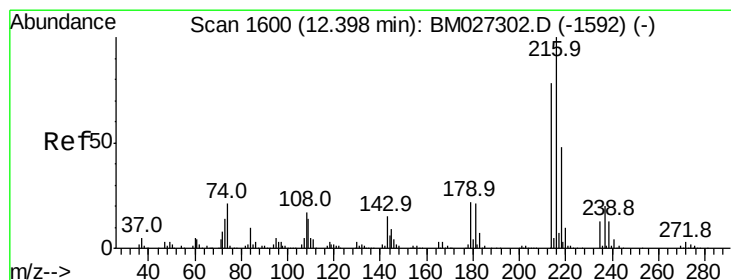
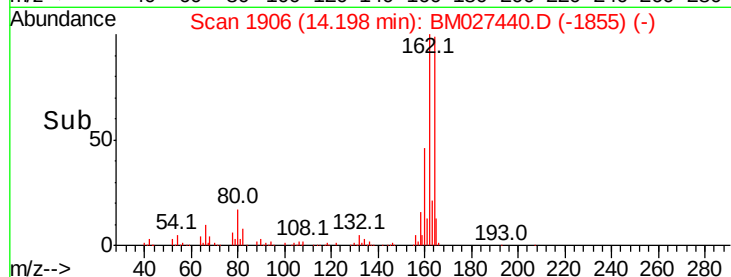
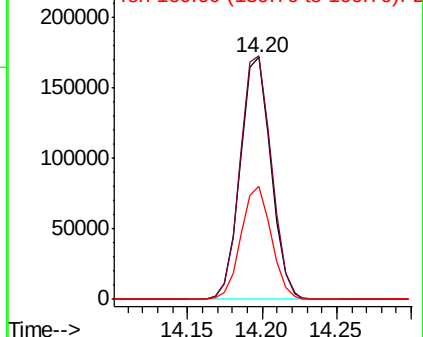
160 46.6 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.439 ng

RT: 12.37 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:216 Resp: 329813

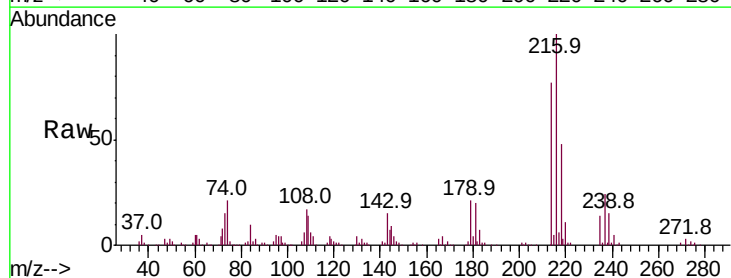
Ion Ratio Lower Upper

216 100

214 78.0 62.1 93.1

179 21.8 17.2 25.8

108 21.7 14.9 22.3

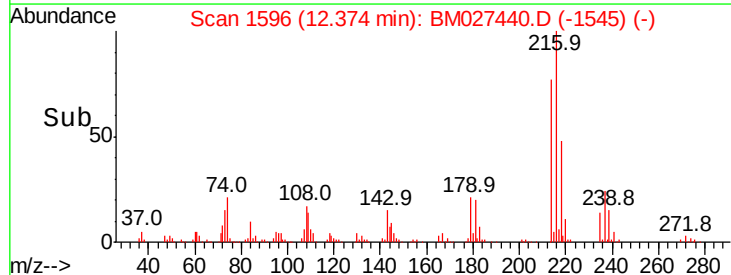
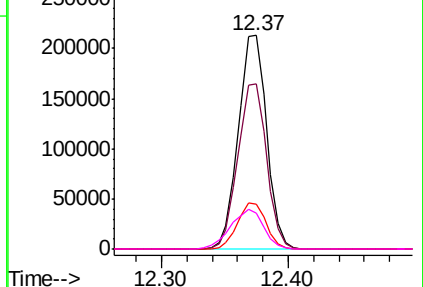


Abundance Ion 216.00 (215.70 to 216.70): E

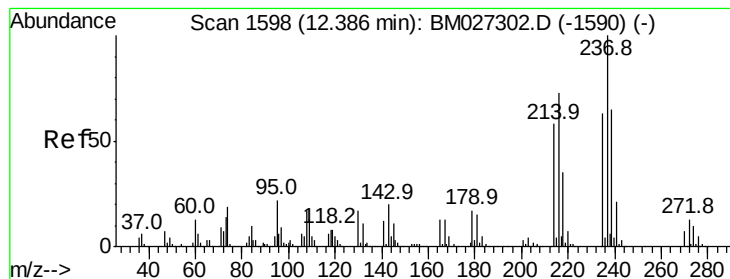
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 78.253 ng

RT: 12.36 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

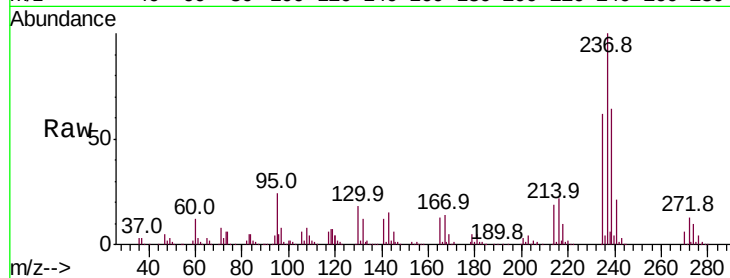
Tot Ion:237 Resp: 453704

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

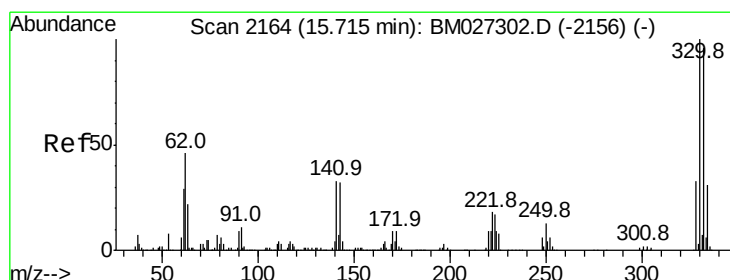
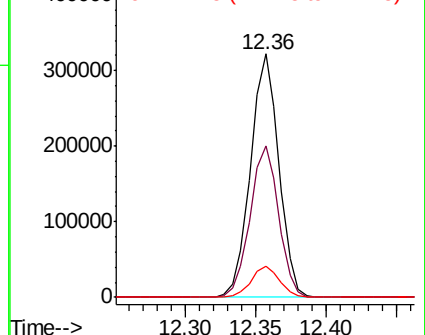
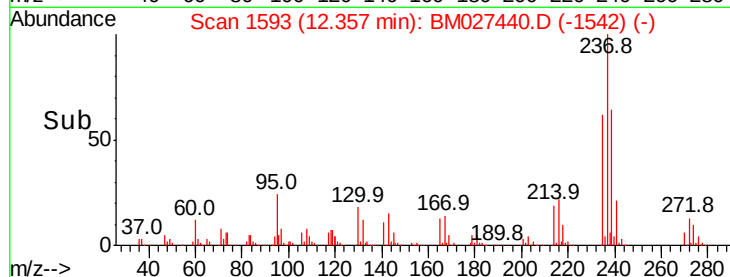
272 12.6 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.514 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

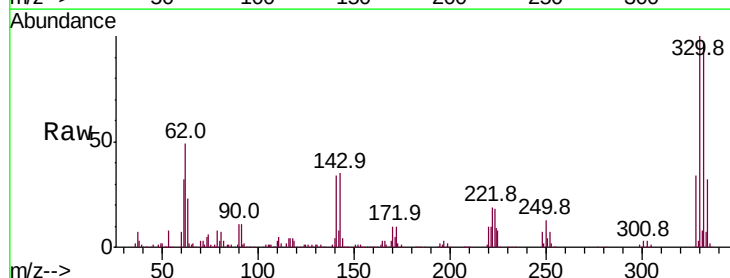
Tgt Ion:330 Resp: 409793

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

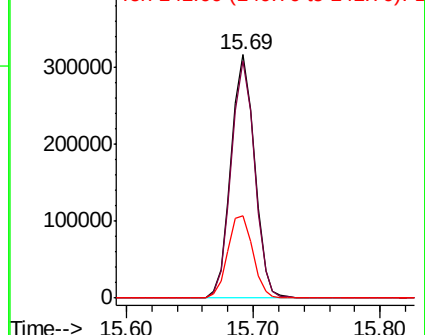
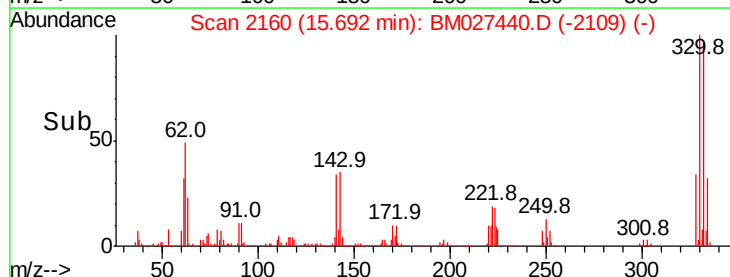
141 35.8 28.4 42.6

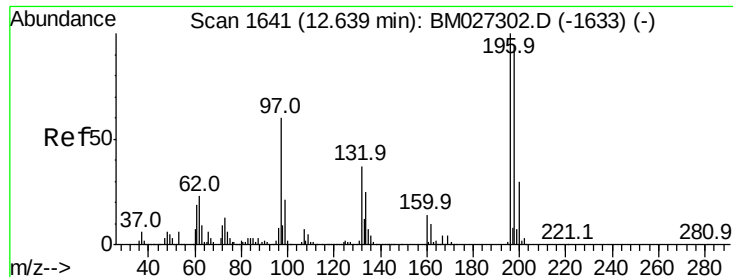


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

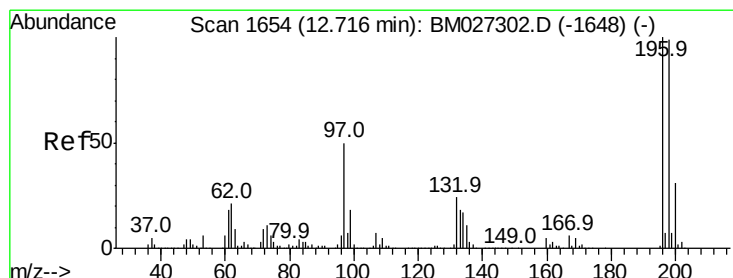
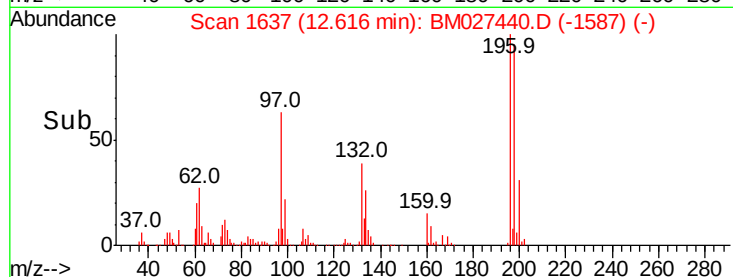
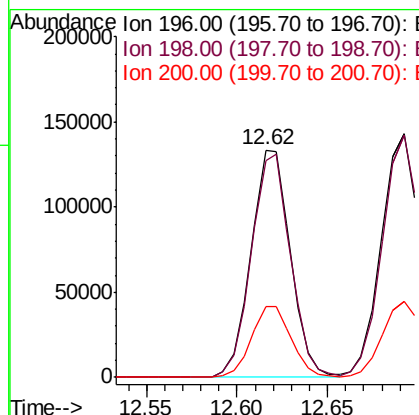
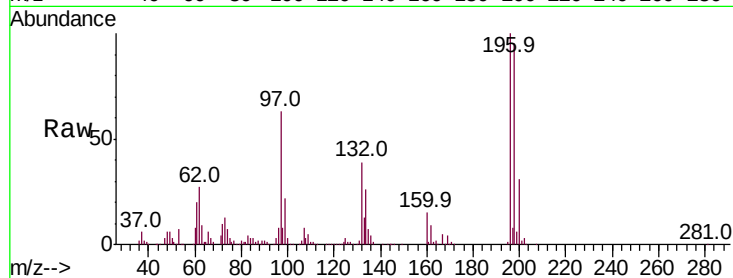




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.278 ng  
 RT: 12.62 min Scan# 1637  
 Delta R.T. -0.01 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

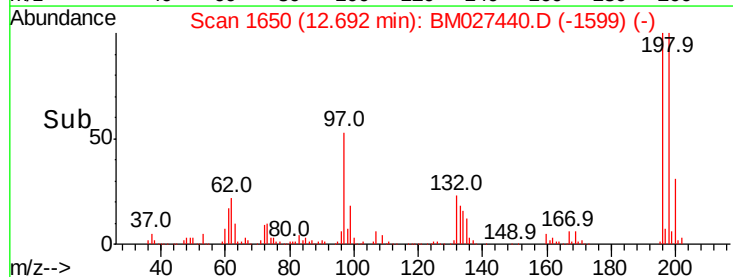
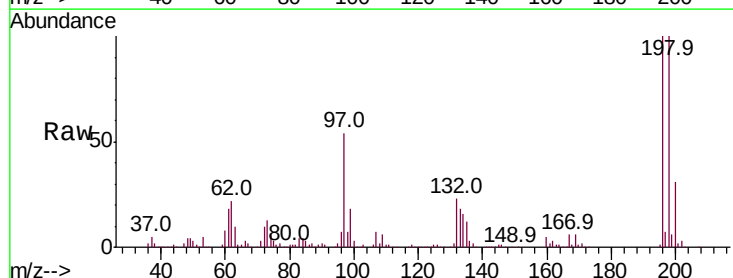
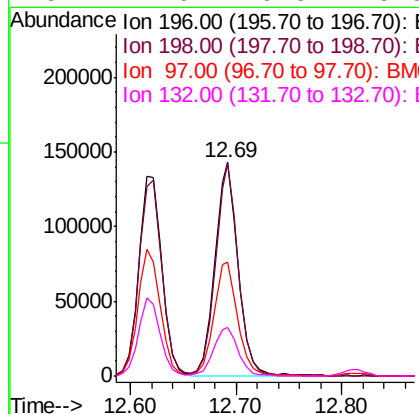
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

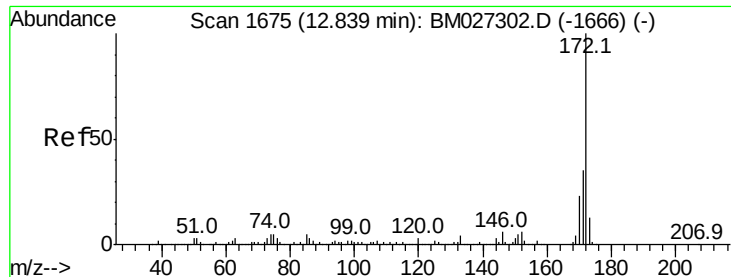
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.0  | 74.9  | 112.3 |
| 200     | 31.3  | 23.7  | 35.5  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.328 ng  
 RT: 12.69 min Scan# 1650  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.8  | 79.0  | 118.6 |
| 97      | 53.5  | 40.5  | 60.7  |
| 132     | 22.9  | 19.3  | 28.9  |



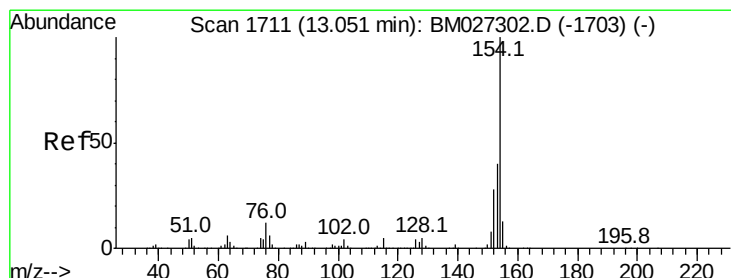
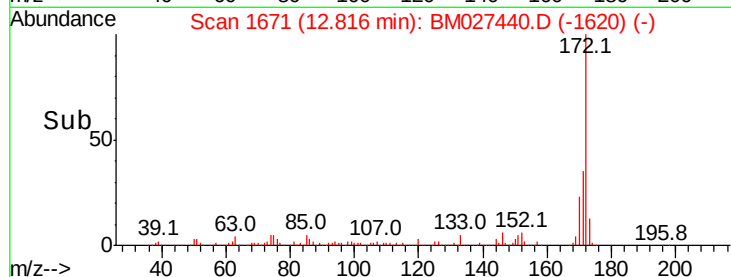
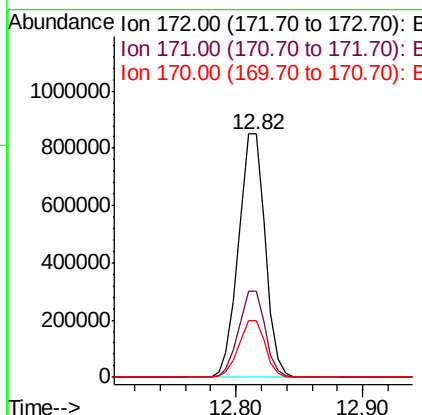
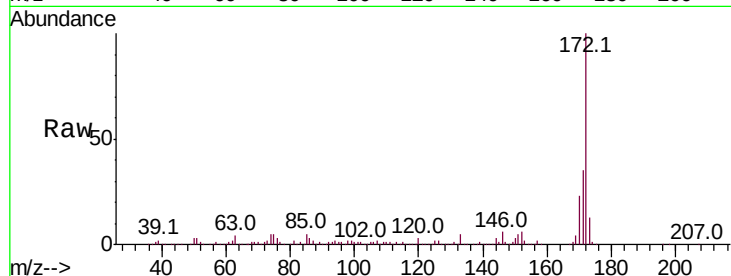


#45  
2-Fluorobiphenyl  
Concen: 67.019 ng  
RT: 12.82 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

Tot Ion:172 Resp: 1233132

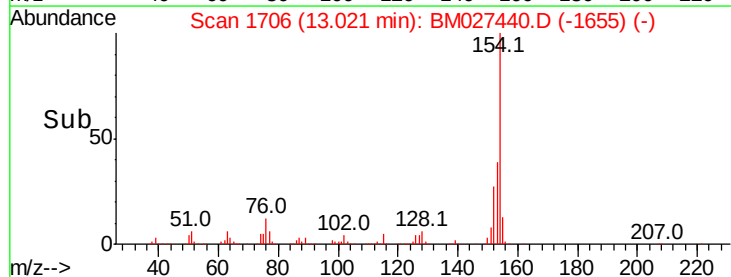
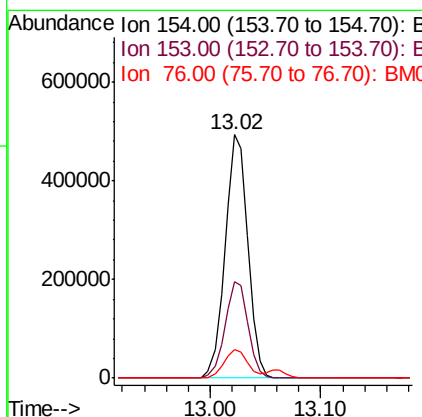
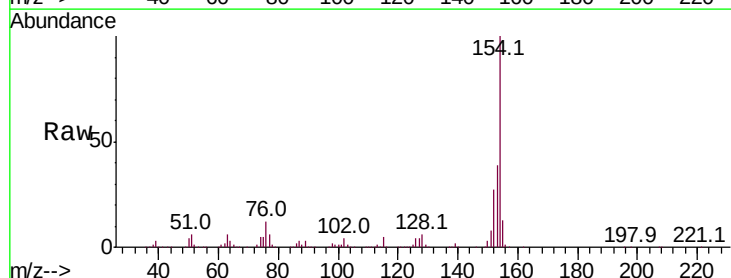
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.5  | 27.8  | 41.8  |
| 170 | 23.4  | 18.6  | 27.8  |

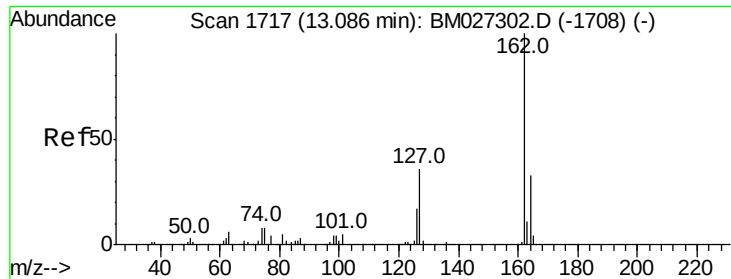


#46  
1,1'-Biphenyl  
Concen: 36.624 ng  
RT: 13.02 min Scan# 1706  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Tgt Ion:154 Resp: 709261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.4  | 20.0  | 60.0  |
| 76  | 11.6  | 0.0   | 32.0  |

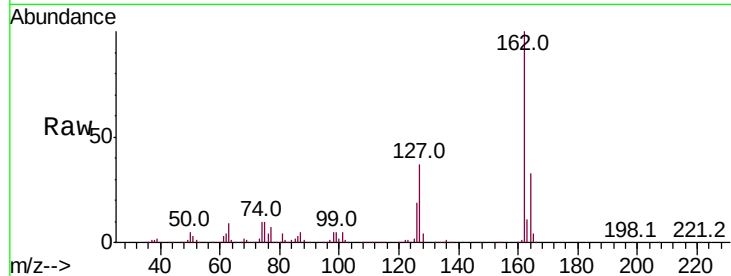




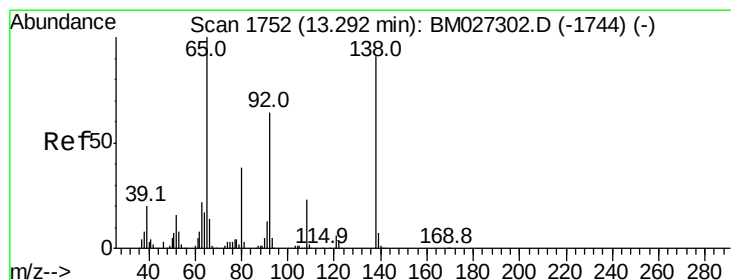
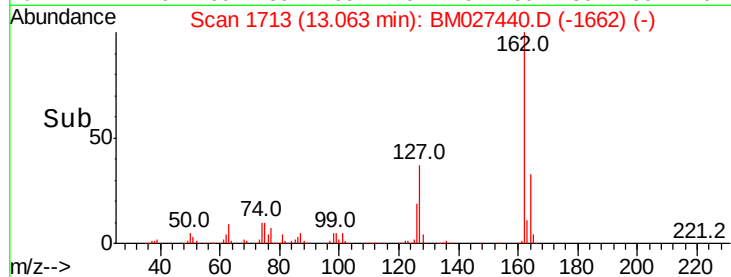
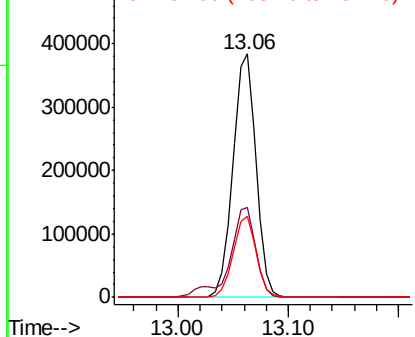
#47  
2-Chloronaphthalene  
Concen: 36.767 ng  
RT: 13.06 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

Tot Ion:162 Resp: 564563  
Ion Ratio Lower Upper  
162 100  
127 36.8 29.6 44.4  
164 33.1 26.2 39.4

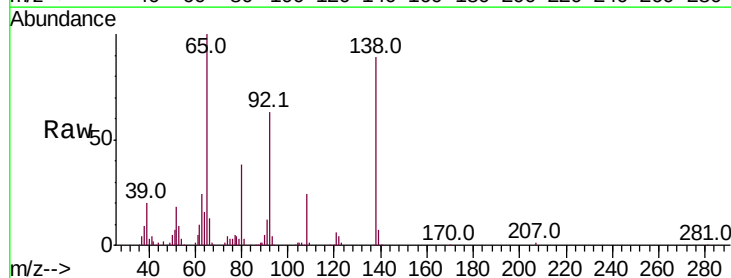


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

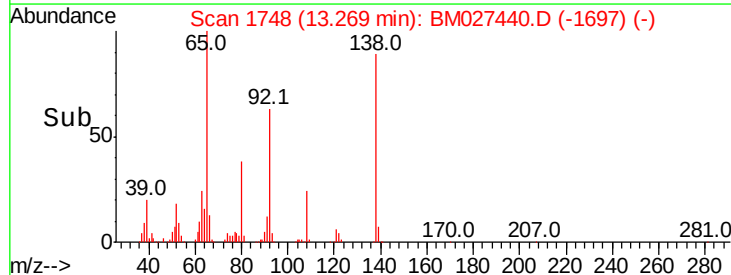
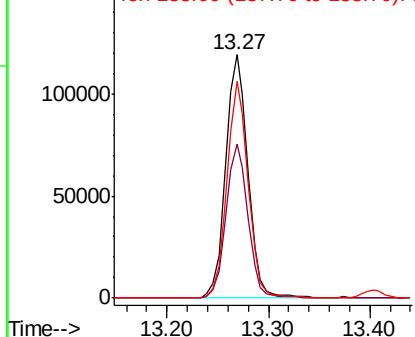


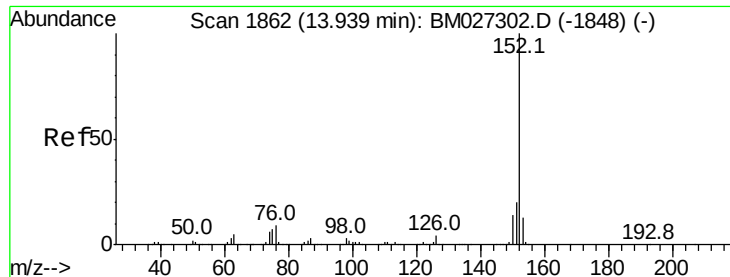
#48  
2-Nitroaniline  
Concen: 38.560 ng  
RT: 13.27 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Tgt Ion: 65 Resp: 181051  
Ion Ratio Lower Upper  
65 100  
92 63.3 51.5 77.3  
138 88.9 72.7 109.1



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.579 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

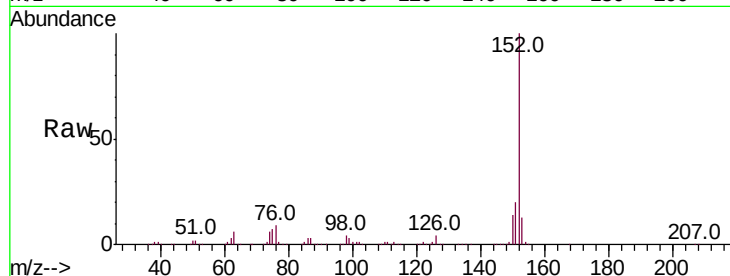
Tot Ion:152 Resp: 874155

Ion Ratio Lower Upper

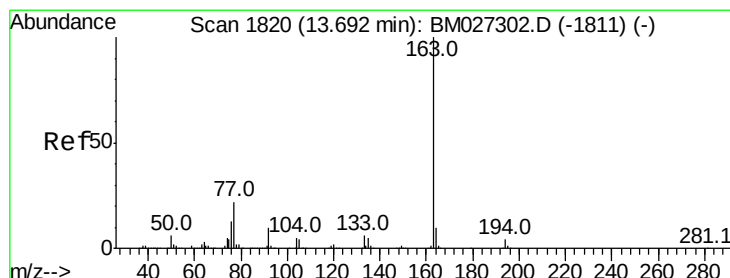
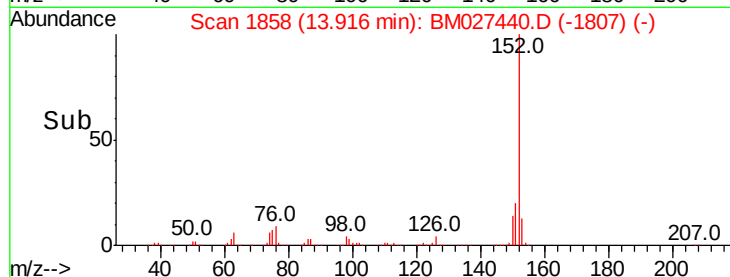
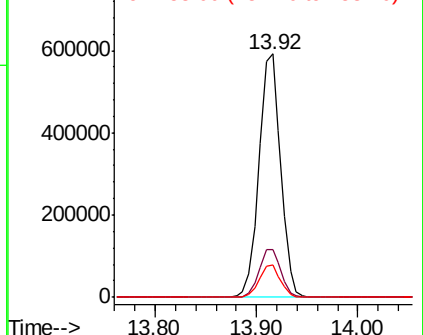
152 100

151 19.6 15.8 23.6

153 13.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.363 ng

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

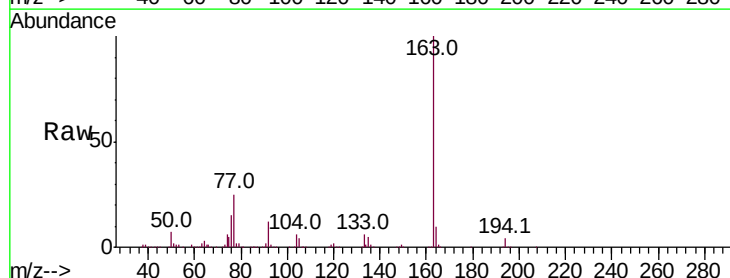
Tgt Ion:163 Resp: 731357

Ion Ratio Lower Upper

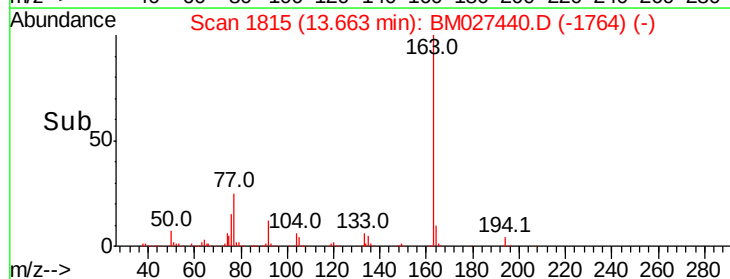
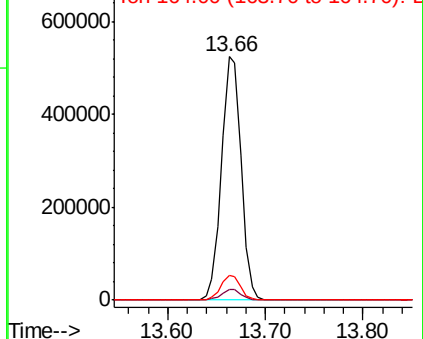
163 100

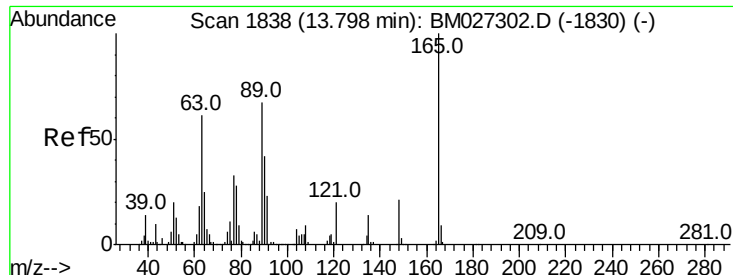
194 4.3 3.4 5.2

164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

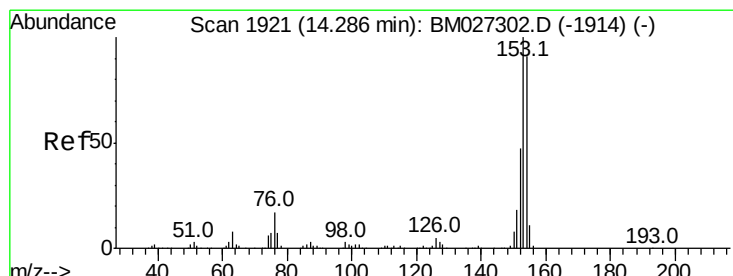
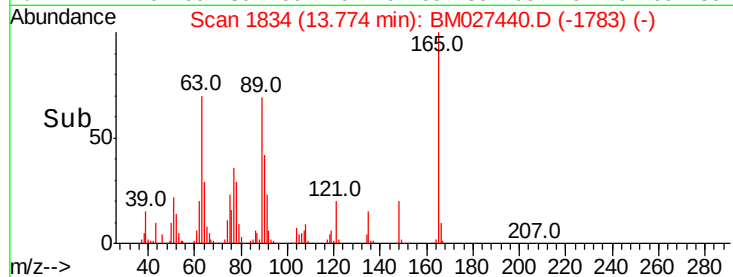
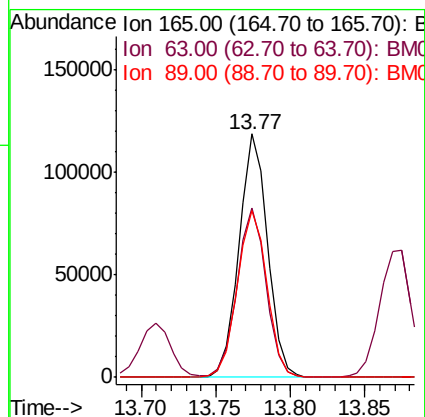
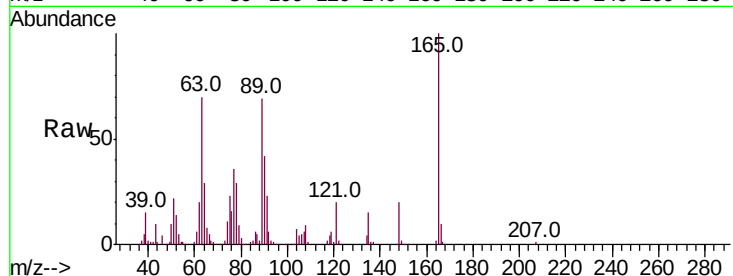




#51  
2,6-Dinitrotoluene  
Concen: 36.846 ng  
RT: 13.77 min Scan# 1834  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

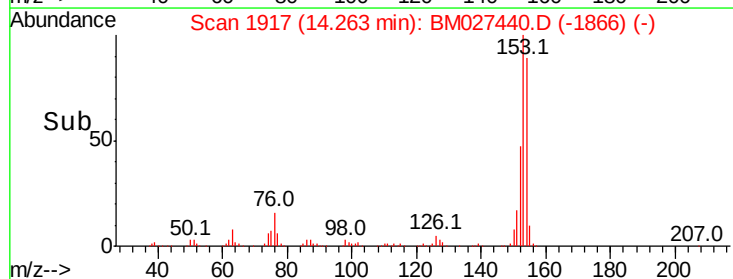
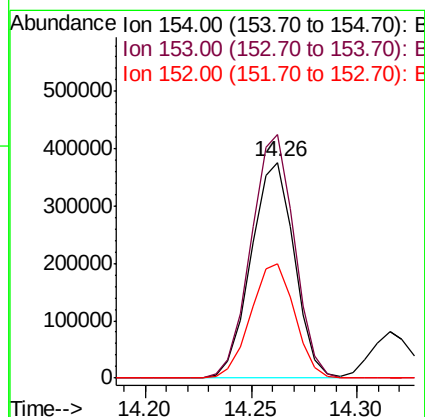
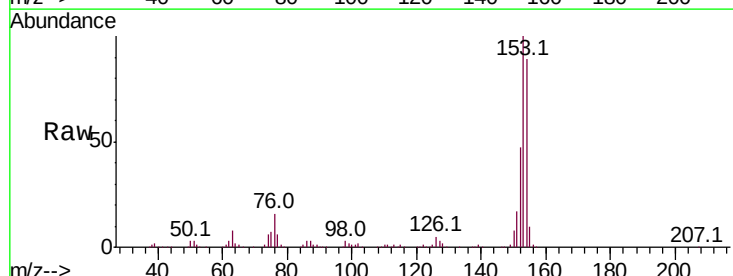
Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

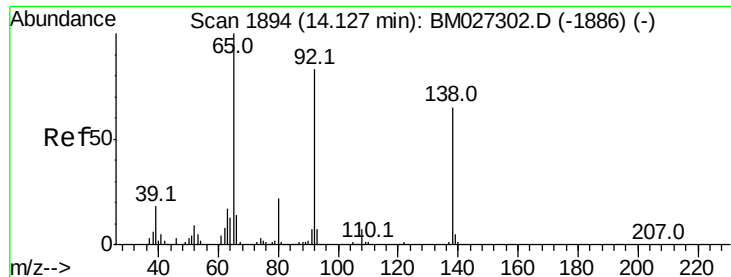
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 69.6  | 51.1  | 76.7  |
| 89      | 68.5  | 53.3  | 79.9  |



#52  
Acenaphthene  
Concen: 37.148 ng  
RT: 14.26 min Scan# 1917  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.0 | 88.3  | 132.5 |
| 152     | 53.2  | 41.4  | 62.2  |





#53

3-Nitroaniline

Concen: 25.548 ng

RT: 14.10 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

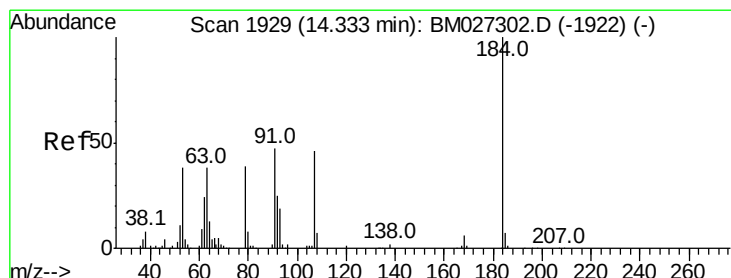
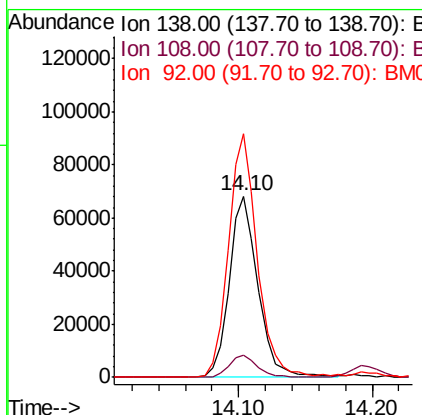
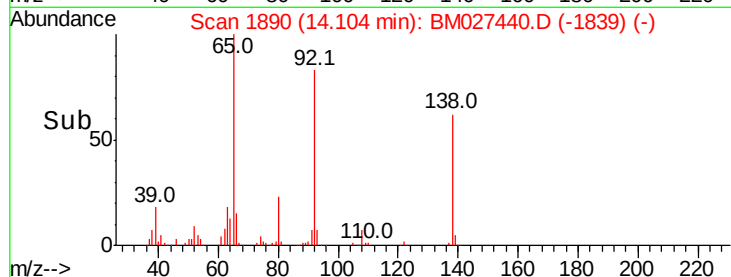
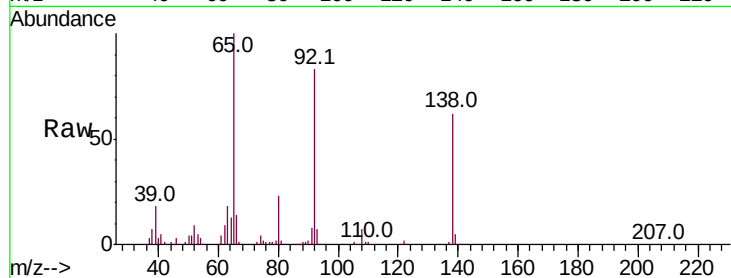
Tot Ion:138 Resp: 102433

Ion Ratio Lower Upper

138 100

108 12.0 8.6 13.0

92 134.1 102.1 153.1



#54

2,4-Dinitrophenol

Concen: 59.763 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

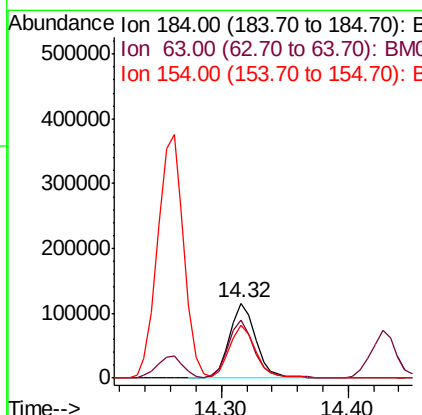
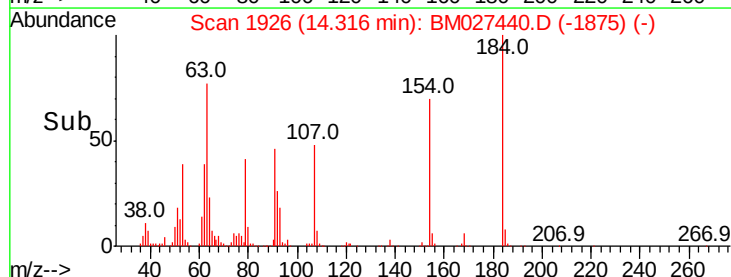
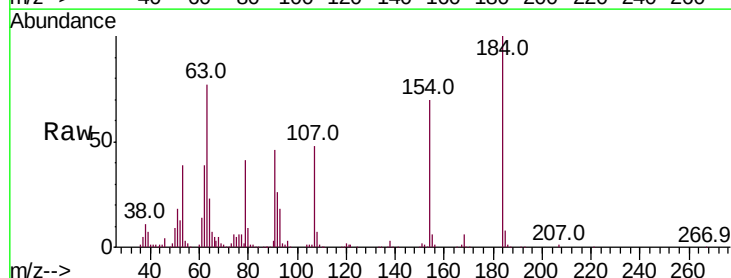
Tgt Ion:184 Resp: 165869

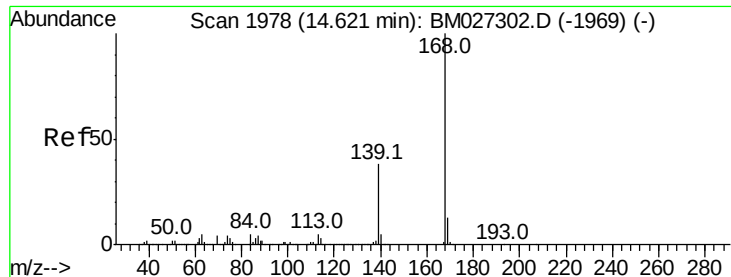
Ion Ratio Lower Upper

184 100

63 77.0 60.2 90.2

154 70.0 52.9 79.3





#55

Dibenzofuran

Concen: 37.832 ng

RT: 14.60 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

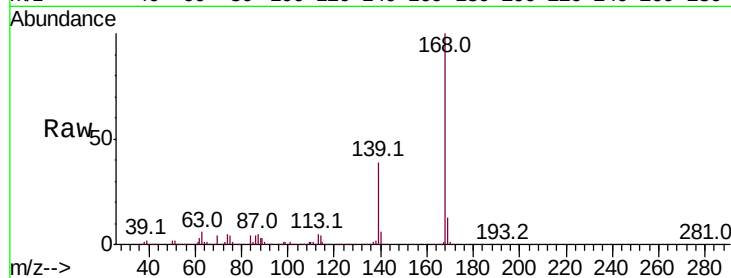
Tot Ion:168 Resp: 923542

Ion Ratio Lower Upper

168 100

139 38.7 30.2 45.4

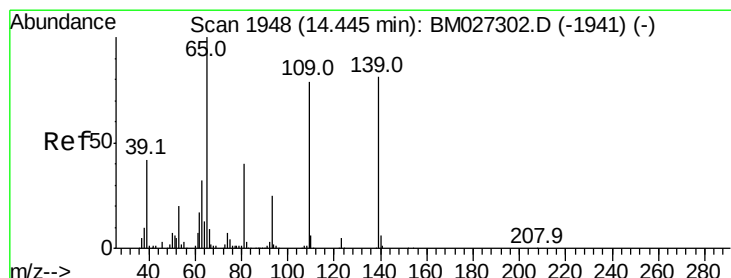
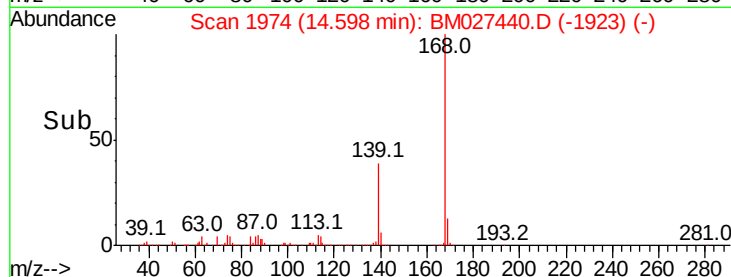
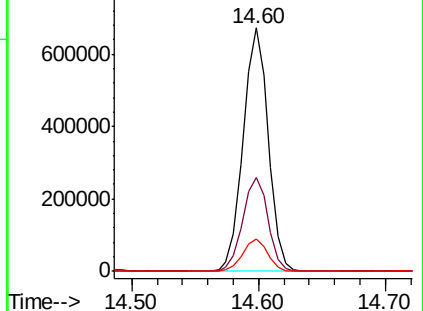
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.780 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

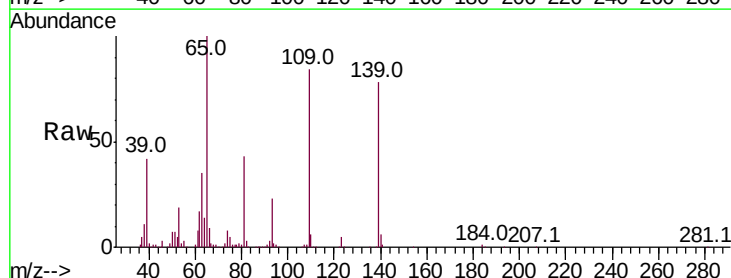
Tgt Ion:139 Resp: 246642

Ion Ratio Lower Upper

139 100

109 107.0 77.0 117.0

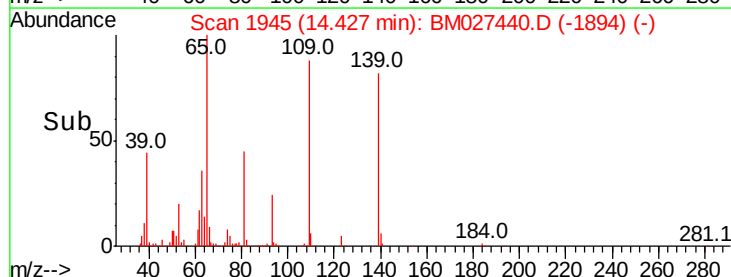
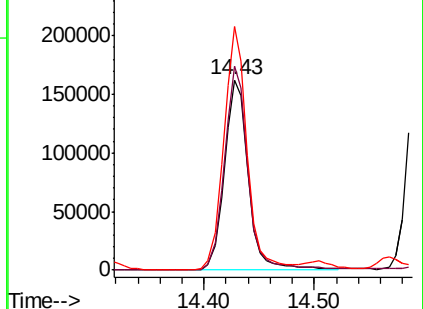
65 128.0 103.4 143.4



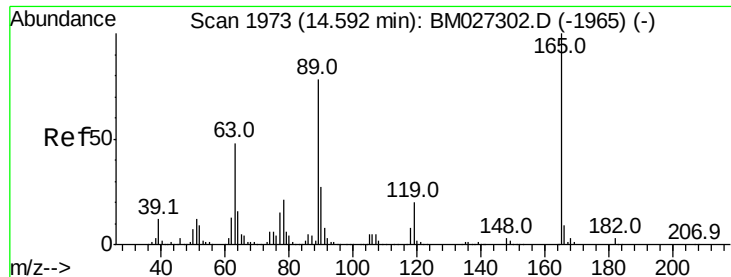
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



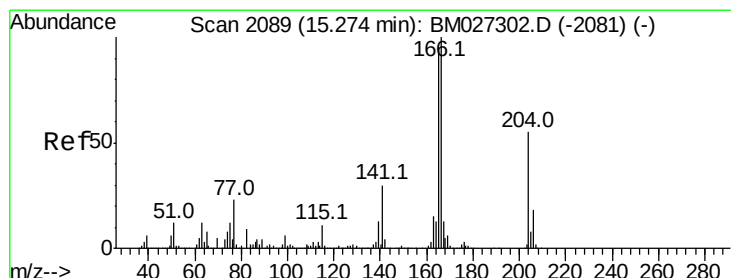
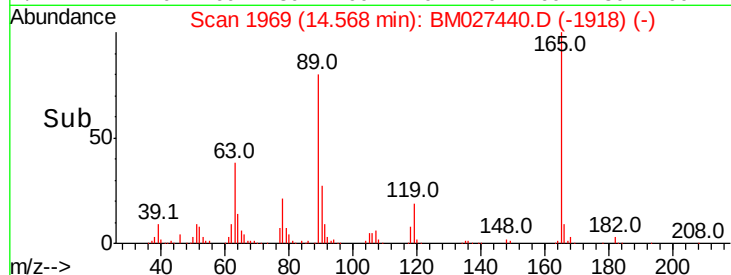
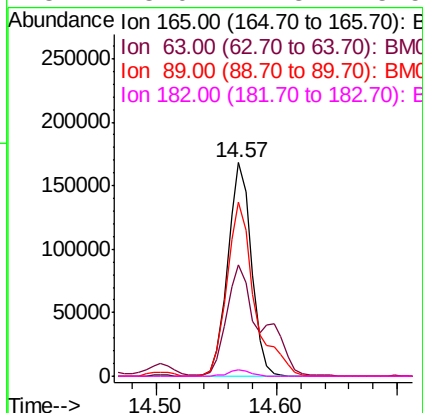
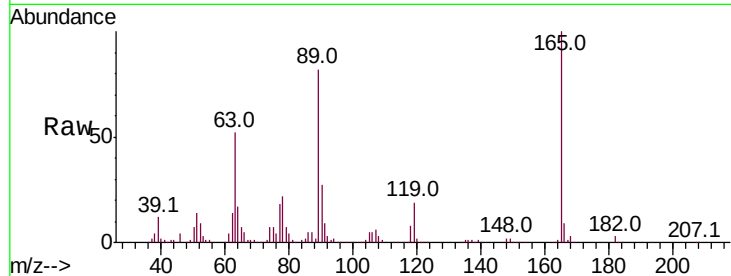




#57  
 2,4-Dinitrotoluene  
 Concen: 38.413 ng  
 RT: 14.57 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

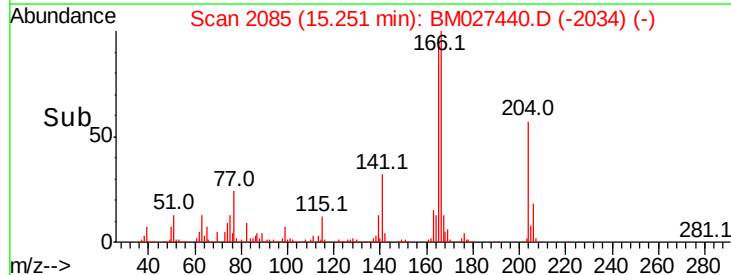
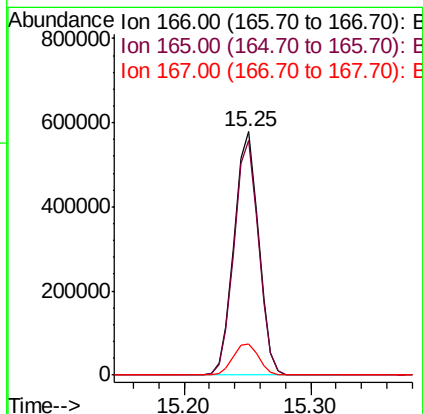
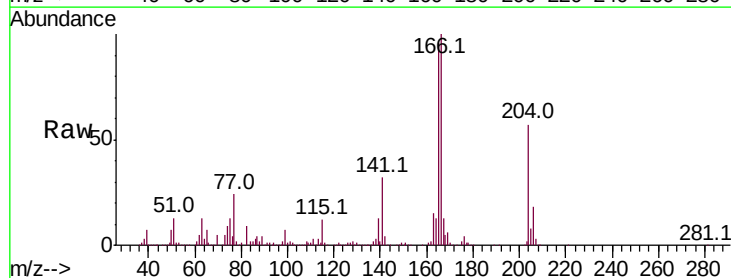
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

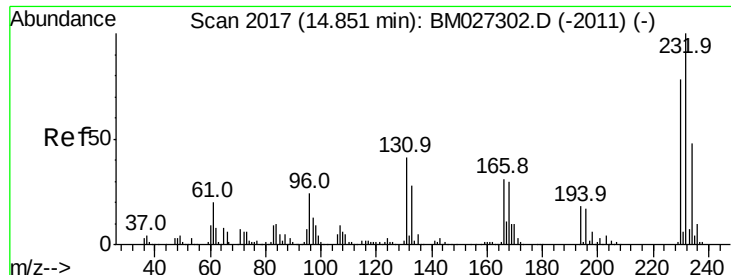
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 228046 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 51.9  | 38.8  | 58.2   |
| 89       | 81.5  | 62.6  | 94.0   |
| 182      | 3.0   | 2.3   | 3.5    |



#58  
 Fluorene  
 Concen: 37.547 ng  
 RT: 15.25 min Scan# 2085  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 769370 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 96.3  | 76.2  | 114.2  |
| 167      | 12.9  | 10.7  | 16.1   |

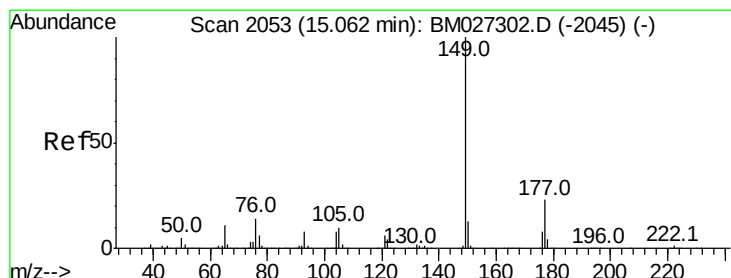
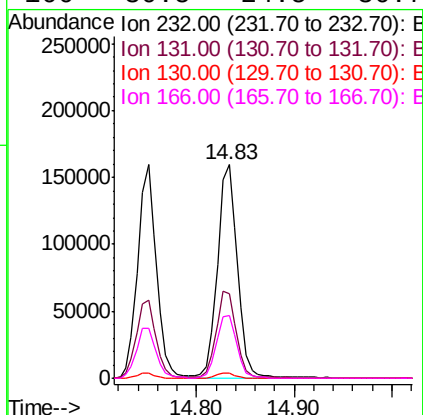
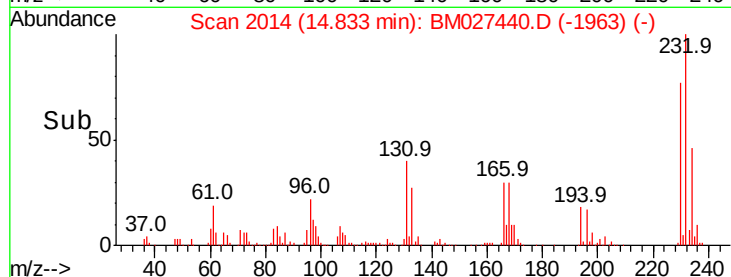
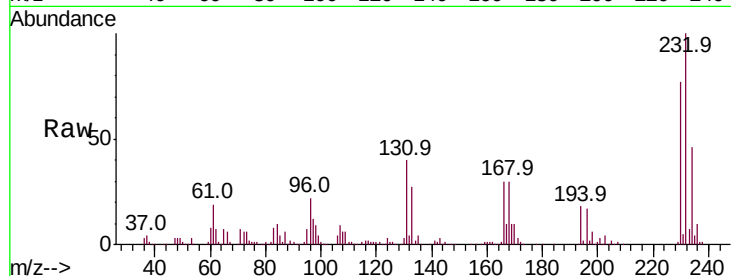




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.813 ng  
 RT: 14.83 min Scan# 2014  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

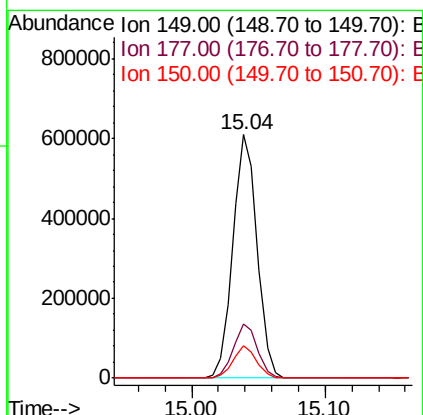
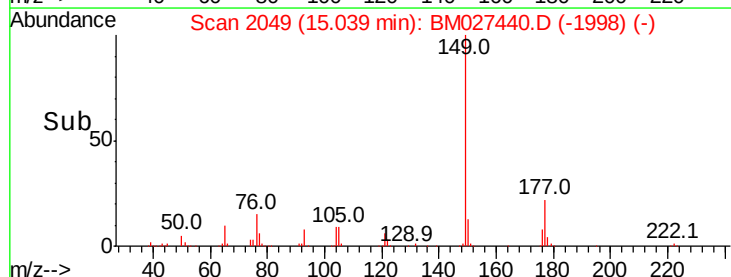
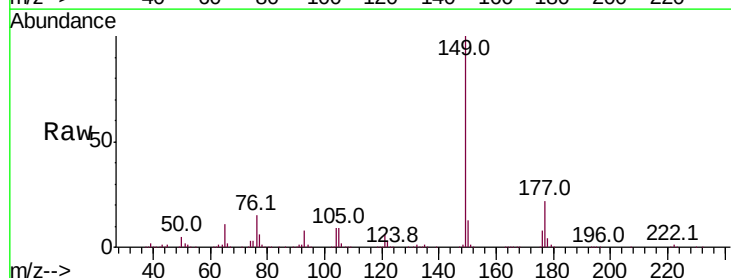
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

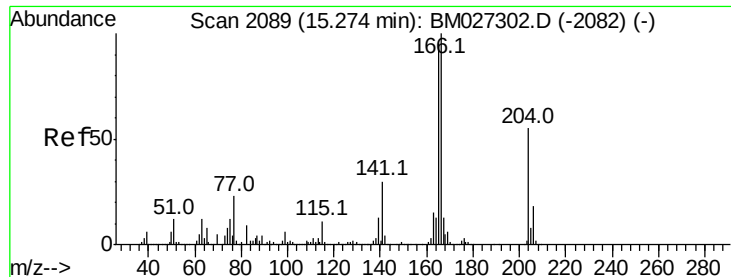
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 225976 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.9  | 32.2  | 48.2   |
| 130      | 2.6   | 1.8   | 2.8    |
| 166      | 30.5  | 24.5  | 36.7   |



#60  
 Diethylphthalate  
 Concen: 37.354 ng  
 RT: 15.04 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 772744 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.2  | 18.2  | 27.4   |
| 150      | 13.1  | 10.2  | 15.4   |

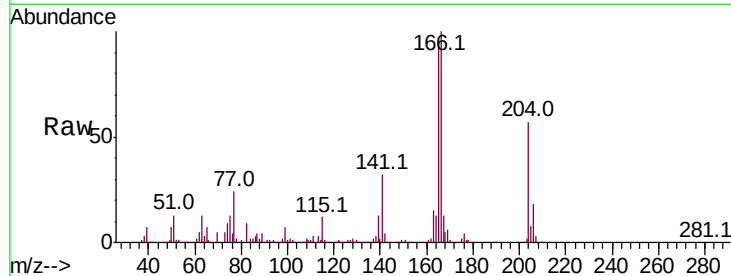




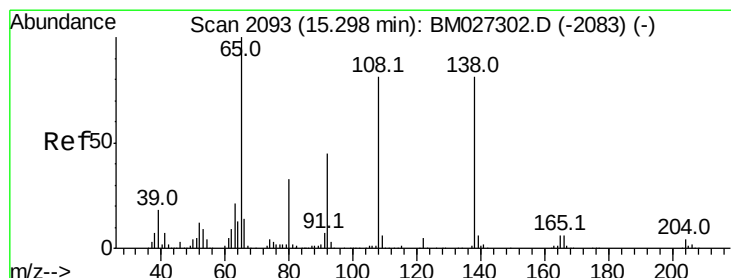
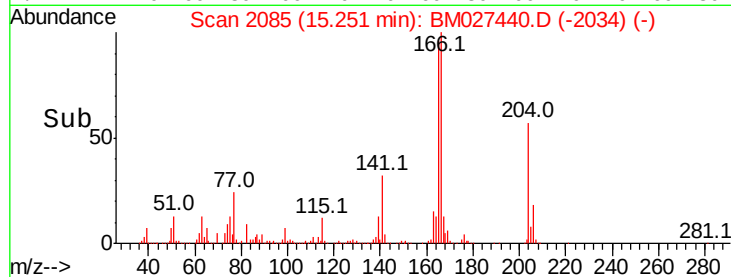
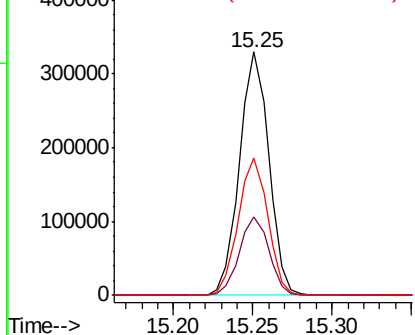
#61  
4-Chlorophenyl-phenylether  
Concen: 37.627 ng  
RT: 15.25 min Scan# 2085  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

Tot Ion:204 Resp: 423562  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.1 39.1  
141 56.2 43.7 65.5

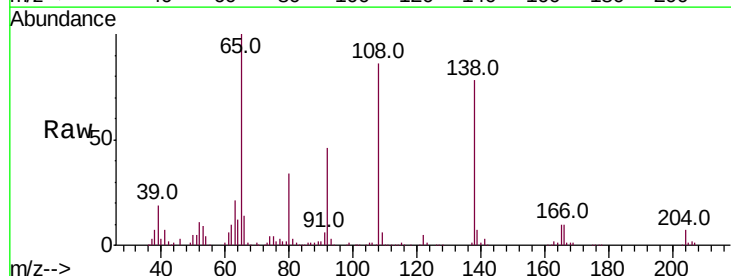


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

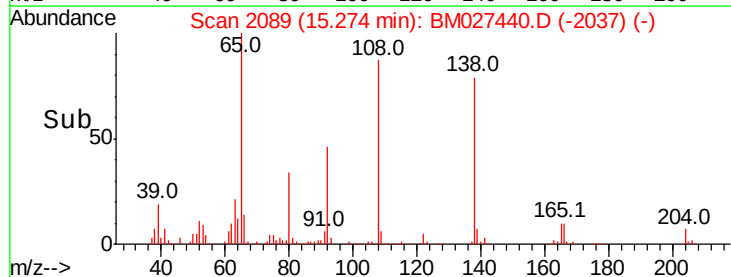
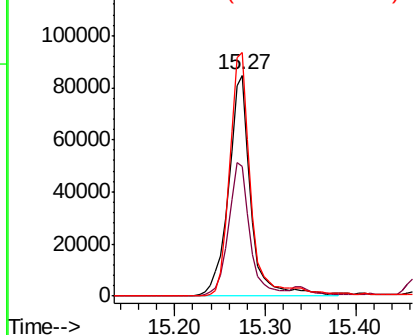


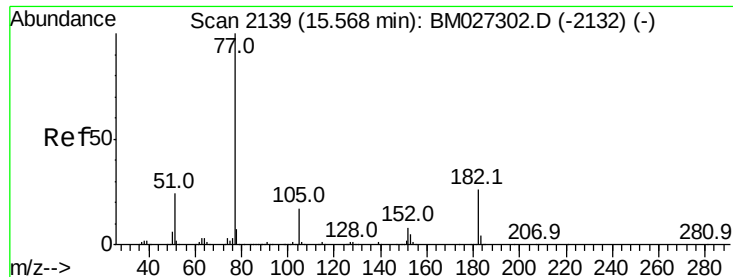
#62  
4-Nitroaniline  
Concen: 33.091 ng  
RT: 15.27 min Scan# 2089  
Delta R.T. 0.01 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Tgt Ion:138 Resp: 146152  
Ion Ratio Lower Upper  
138 100  
92 58.4 35.5 75.5  
108 110.2 80.5 120.5



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.709 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

Tot Ion: 77 Resp: 849651

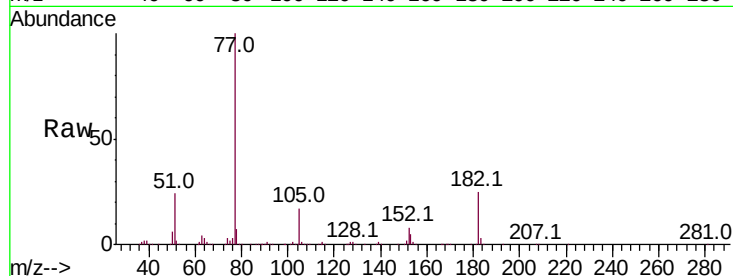
Ion Ratio Lower Upper

77 100

182 24.6 5.8 45.8

105 16.8 0.0 37.2

51 24.3 3.6 43.6

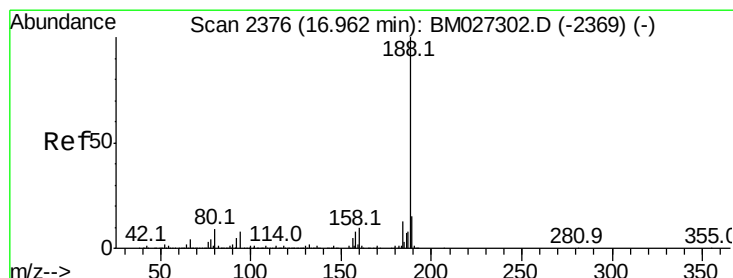
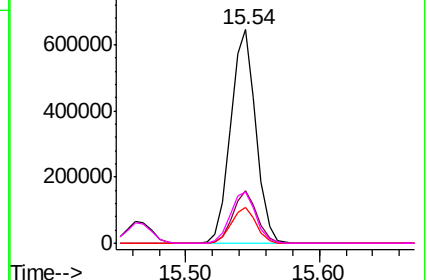
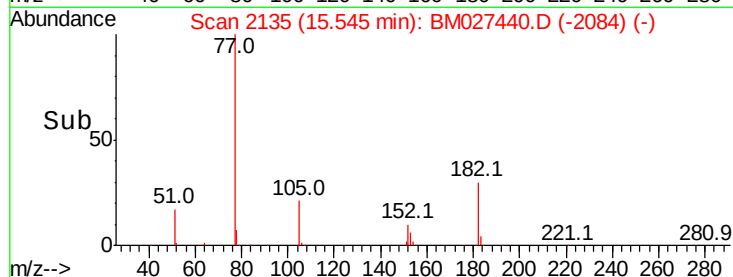


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

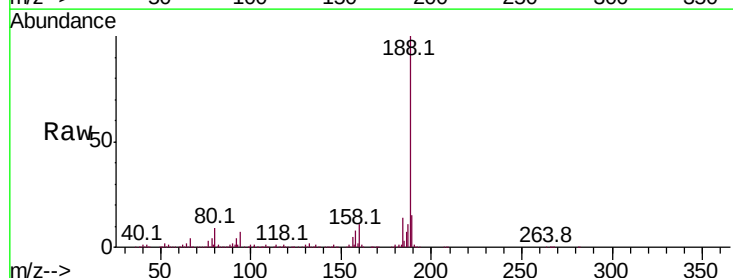
Tgt Ion: 188 Resp: 574059

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

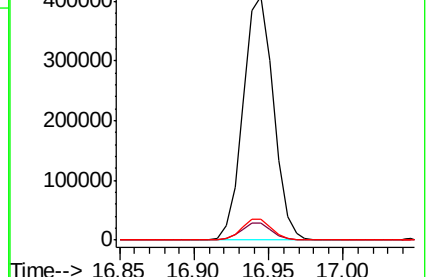
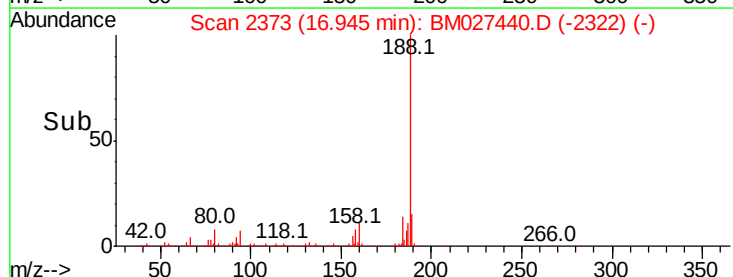
80 8.5 7.5 11.3

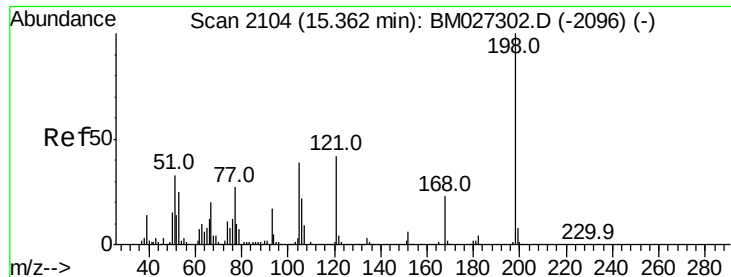


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 32.562 ng

RT: 15.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

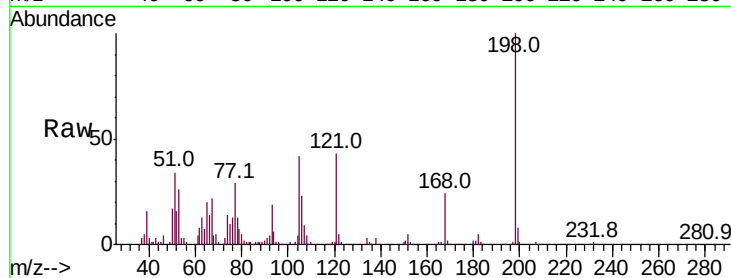
Tot Ion:198 Resp: 119963

Ion Ratio Lower Upper

198 100

51 34.2 13.0 53.0

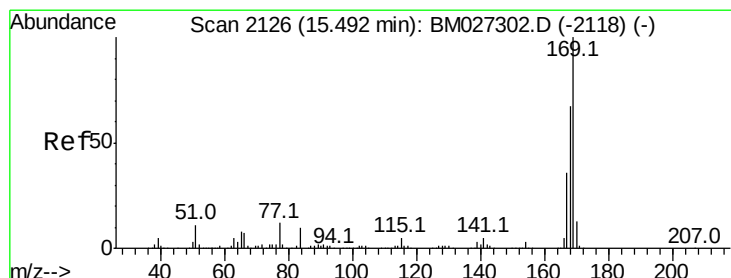
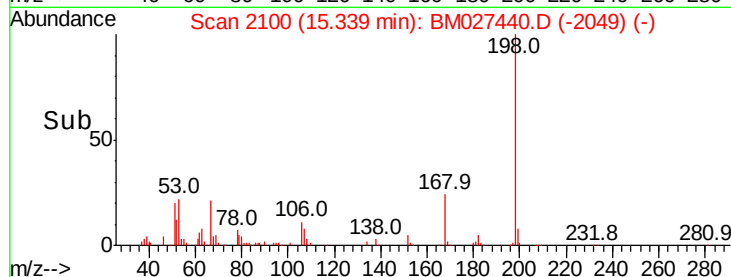
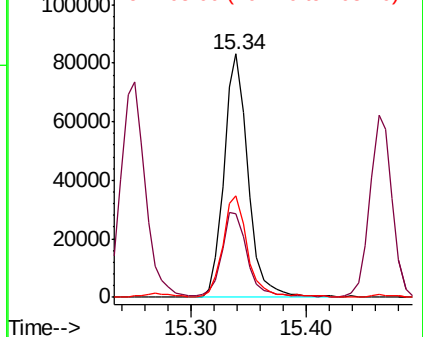
105 41.9 18.7 58.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.073 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

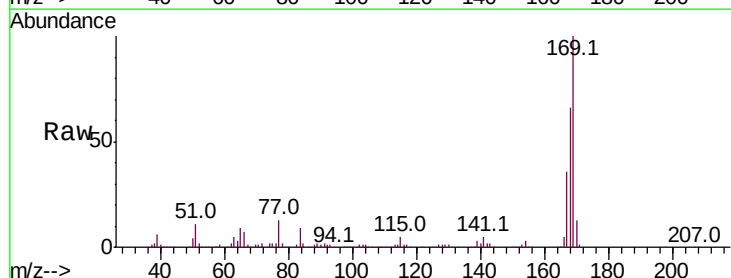
Tgt Ion:169 Resp: 676088

Ion Ratio Lower Upper

169 100

168 66.1 53.8 80.8

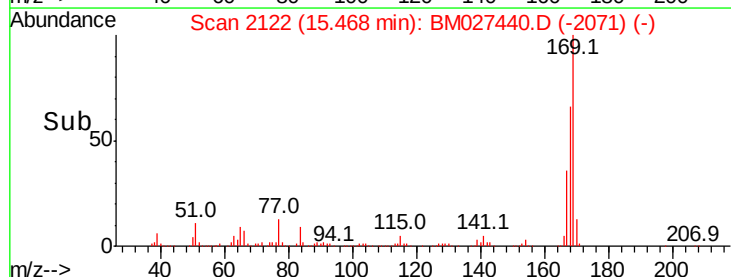
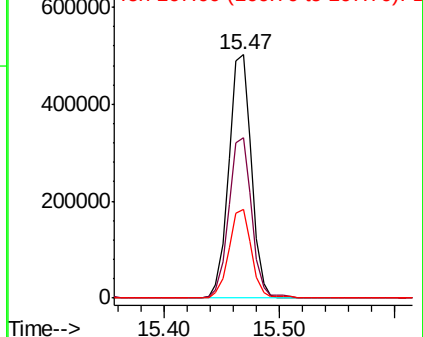
167 36.3 29.0 43.4

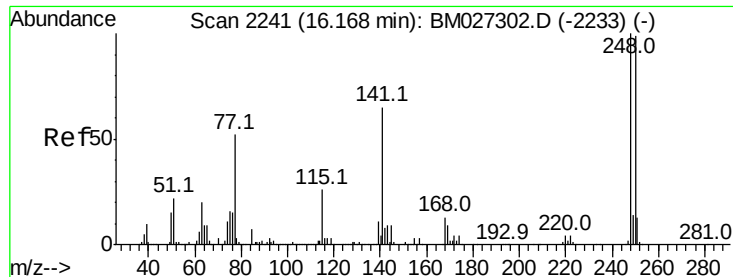


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

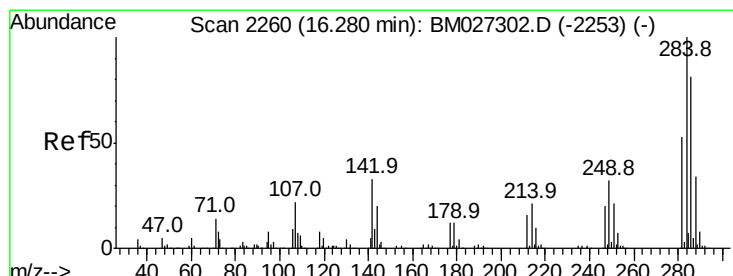
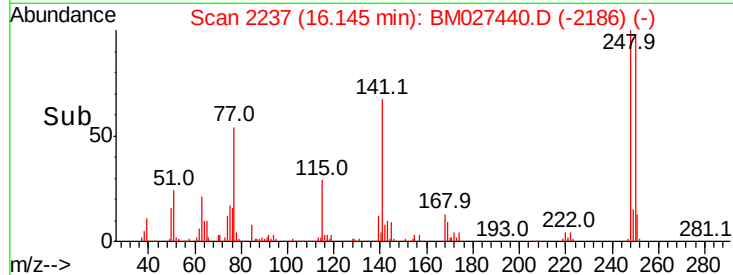
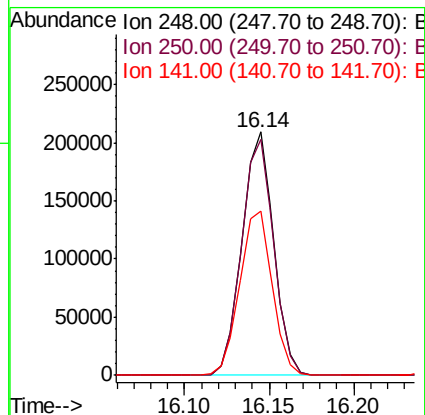
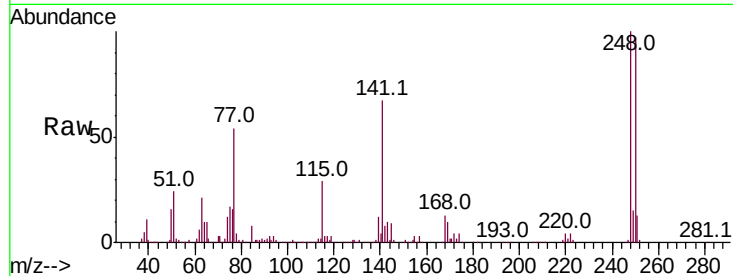




#67  
 4-Bromophenyl-phenylether  
 Concen: 38.540 ng  
 RT: 16.14 min Scan# 2237  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

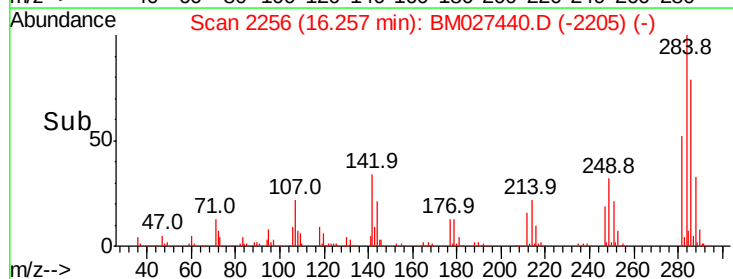
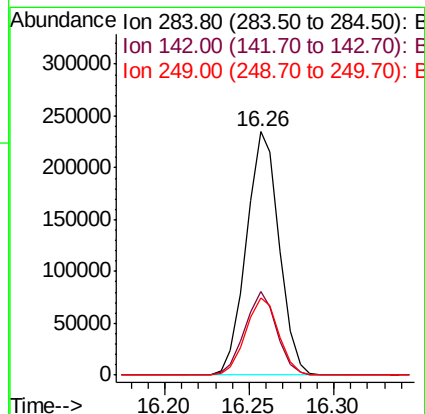
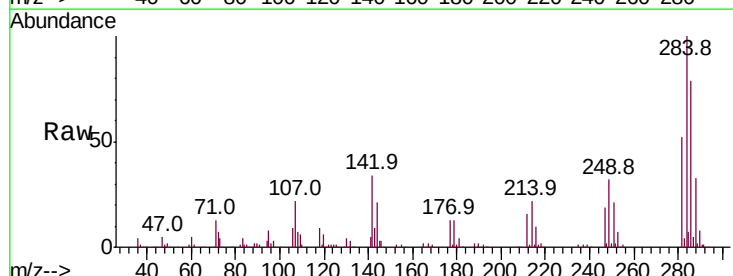
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

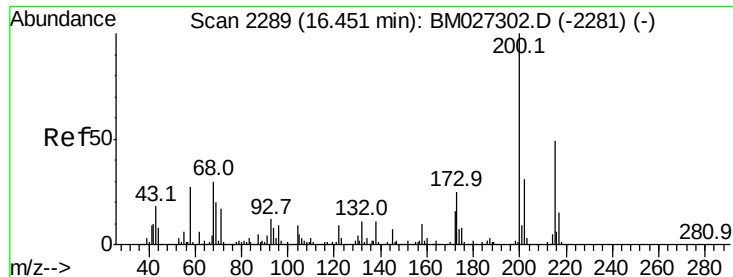
Tot Ion:248 Resp: 273156  
 Ion Ratio Lower Upper  
 248 100  
 250 96.7 79.1 118.7  
 141 67.2 51.8 77.8



#68  
 Hexachlorobenzene  
 Concen: 38.321 ng  
 RT: 16.26 min Scan# 2256  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

Tgt Ion:284 Resp: 317044  
 Ion Ratio Lower Upper  
 284 100  
 142 34.3 26.1 39.1  
 249 31.9 25.6 38.4





#69

Atrazine

Concen: 43.501 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

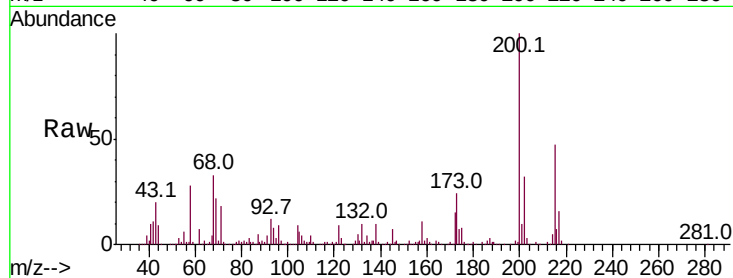
Tot Ion:200 Resp: 225958

Ion Ratio Lower Upper

200 100

173 24.4 4.9 44.9

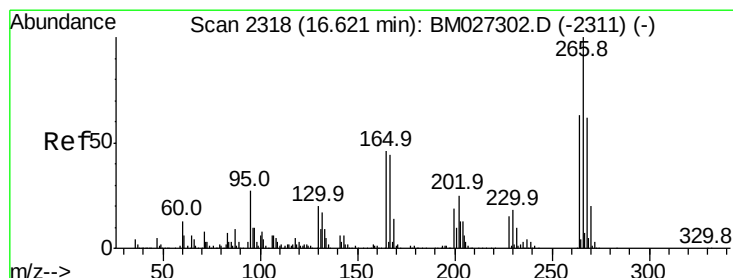
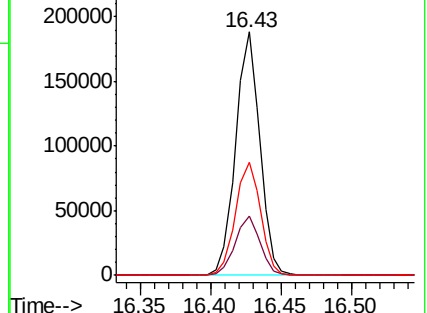
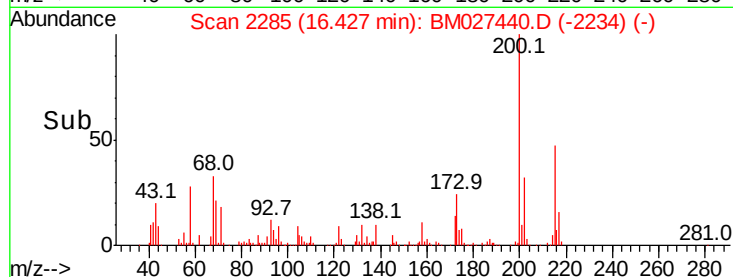
215 46.7 29.0 69.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.652 ng

RT: 16.60 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

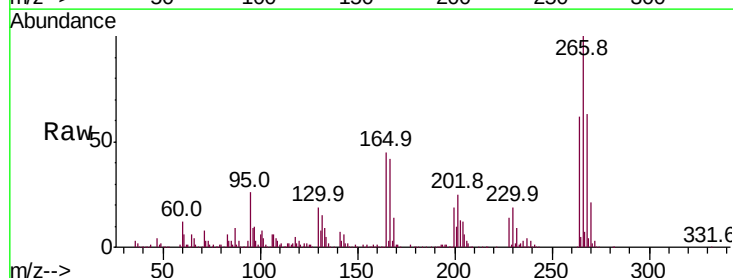
Tgt Ion:266 Resp: 383500

Ion Ratio Lower Upper

266 100

268 62.7 49.9 74.9

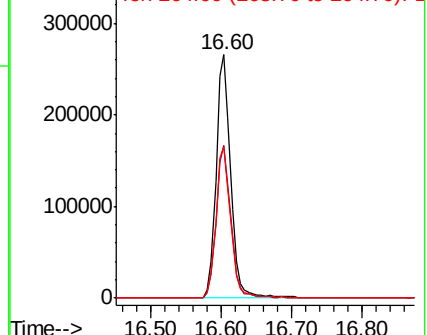
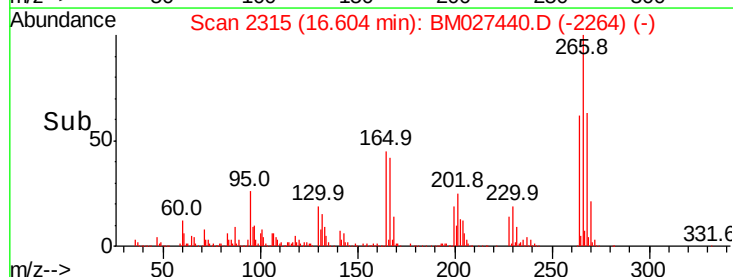
264 62.4 50.6 76.0

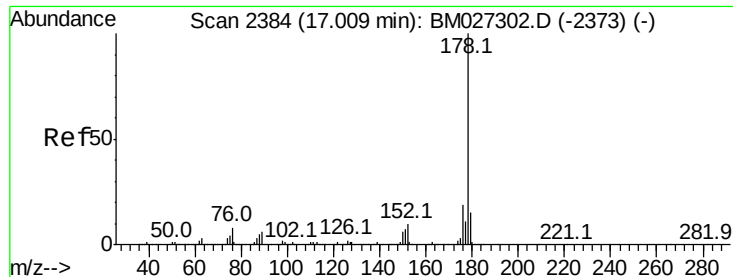


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

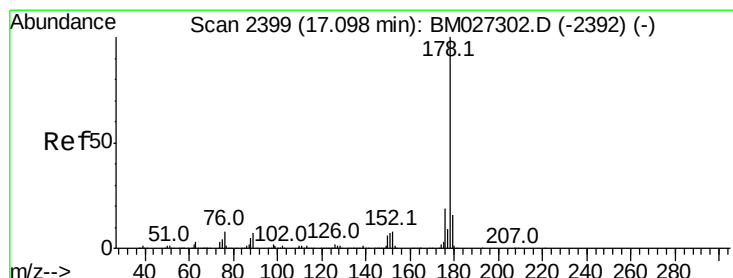
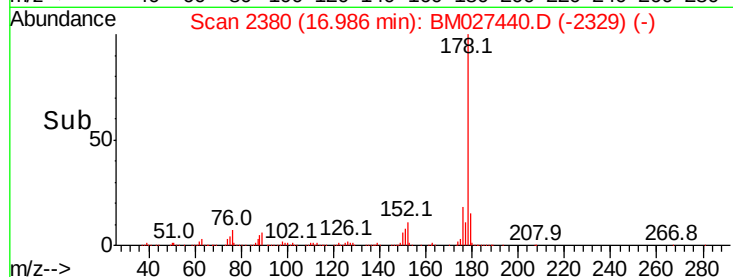
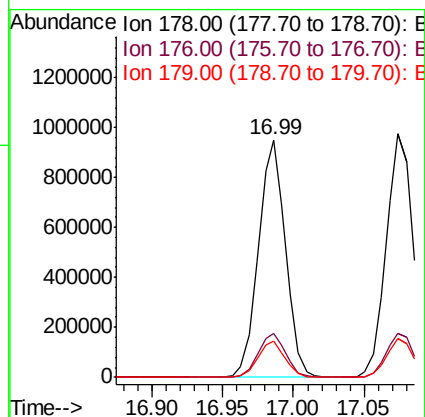
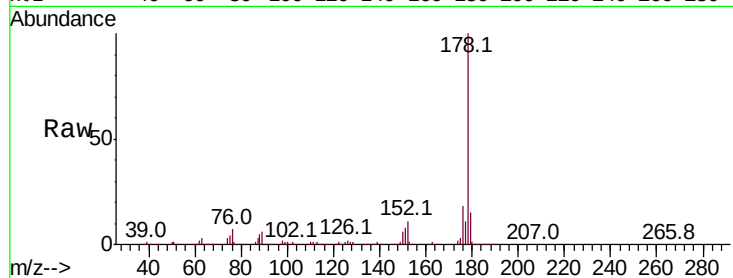




#71  
Phenanthrene  
Concen: 38.372 ng  
RT: 16.99 min Scan# 2380  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

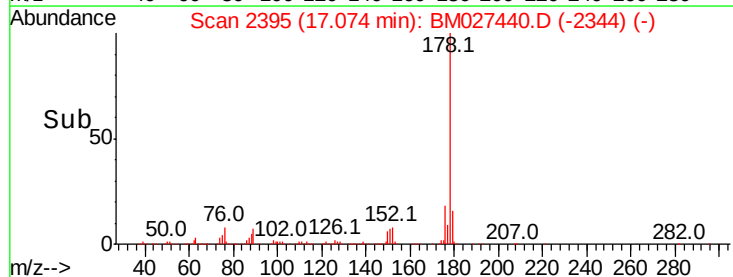
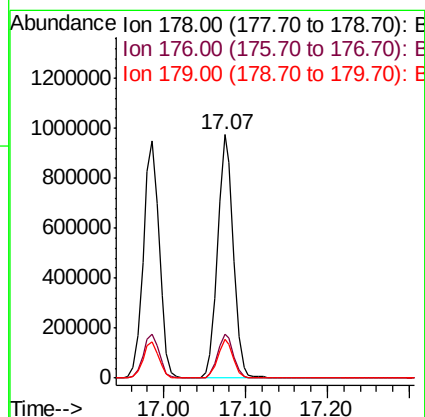
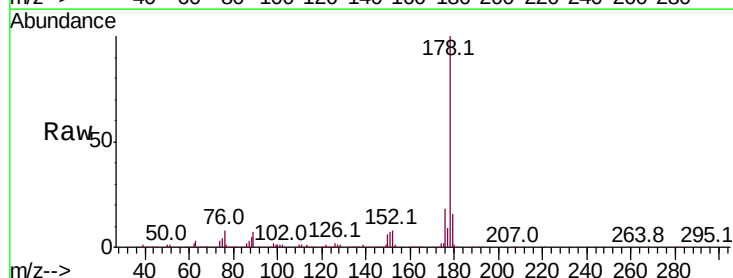
Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

Tot Ion:178 Resp: 1280867  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.6  
179 15.4 12.2 18.4

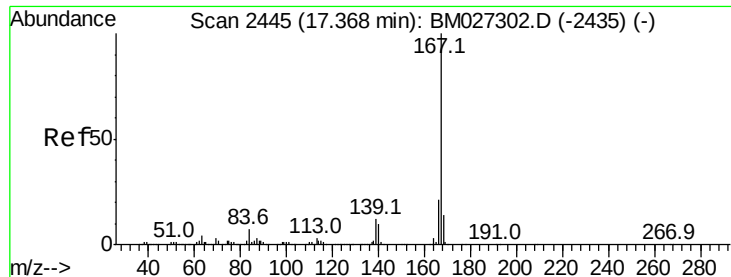


#72  
Anthracene  
Concen: 38.796 ng  
RT: 17.07 min Scan# 2395  
Delta R.T. -0.00 min  
Lab File: BM027440.D  
Acq: 16 Sep 2020 13:33

Tgt Ion:178 Resp: 1307020  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.7 12.5 18.7





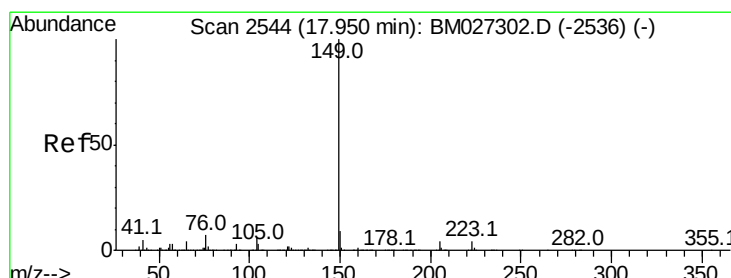
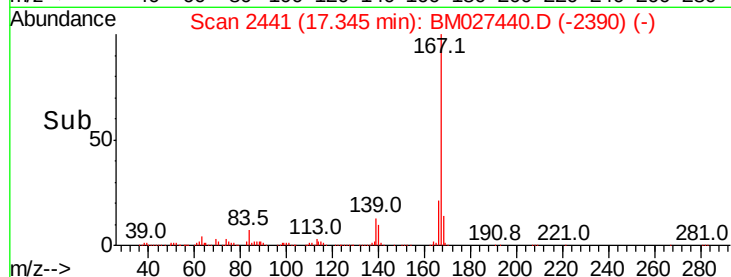
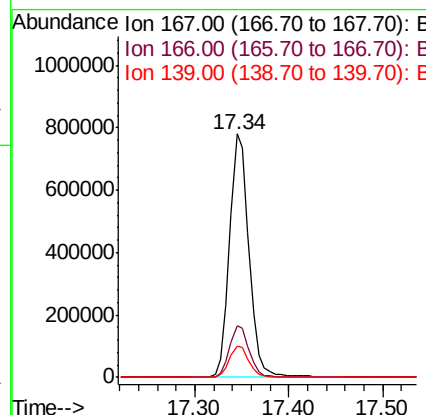
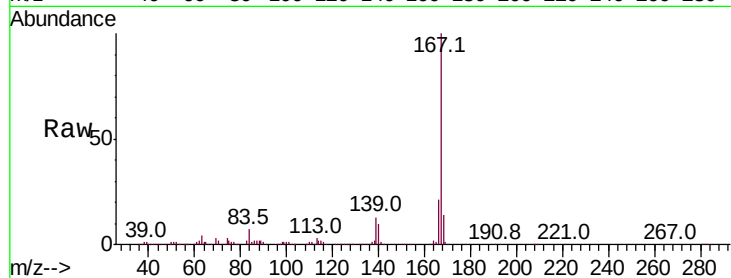


#73  
 Carbazole  
 Concen: 38.297 ng  
 RT: 17.34 min Scan# 2441  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB131588BS

Tot Ion:167 Resp: 1126281  

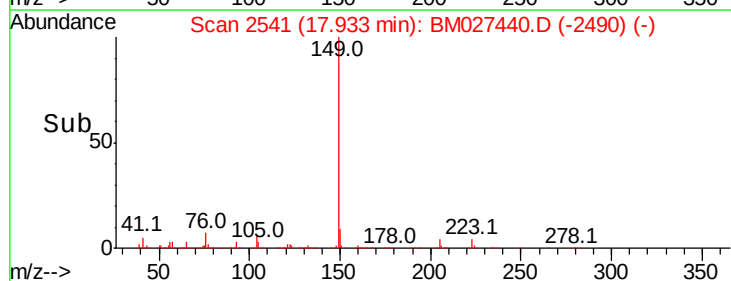
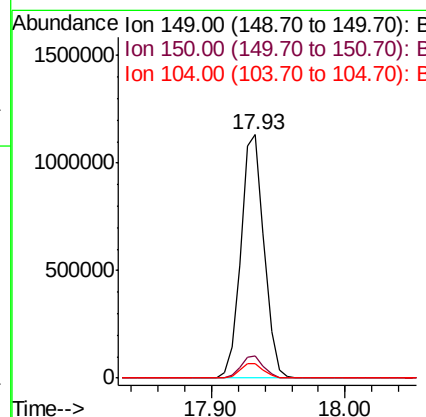
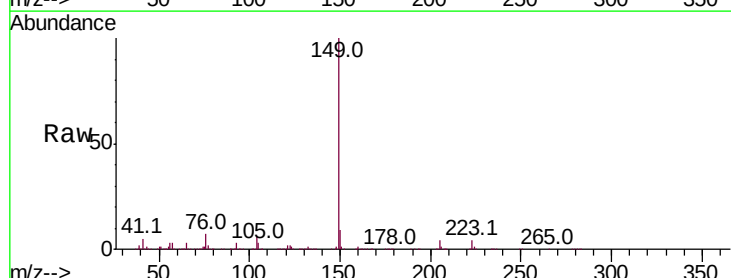
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.3  | 16.9  | 25.3  |
| 139 | 12.6  | 9.9   | 14.9  |

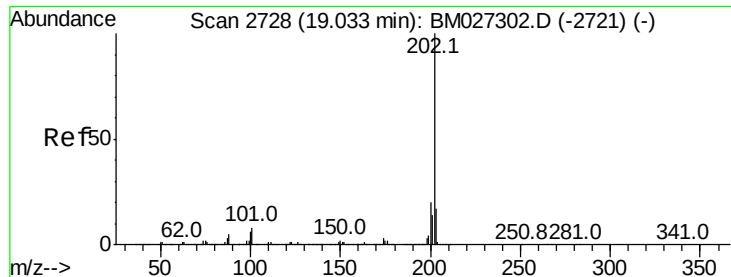


#74  
 Di-n-butylphthalate  
 Concen: 38.426 ng  
 RT: 17.93 min Scan# 2541  
 Delta R.T. -0.00 min  
 Lab File: BM027440.D  
 Acq: 16 Sep 2020 13:33

Tgt Ion:149 Resp: 1359397  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.9   | 7.4   | 11.0  |
| 104 | 6.2   | 4.7   | 7.1   |





#75

Fluoranthene

Concen: 38.771 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

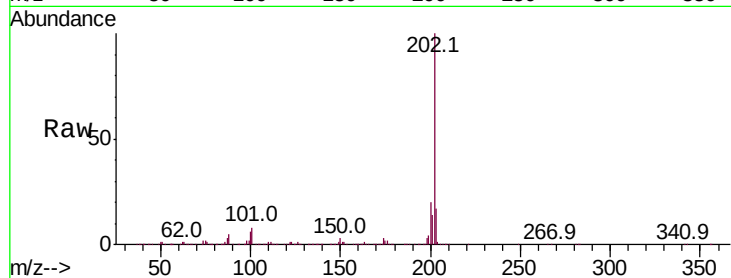
Tot Ion:202 Resp: 1569958

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.5

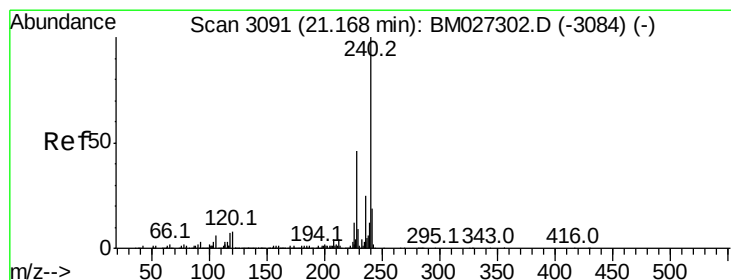
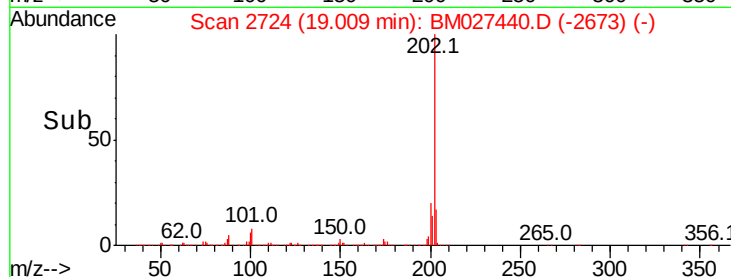
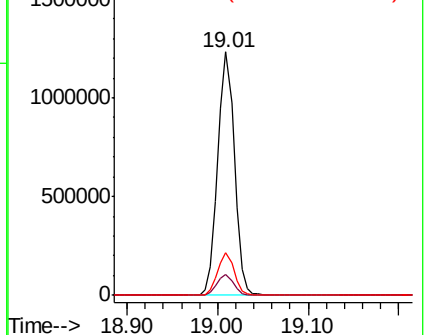
203 17.3 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

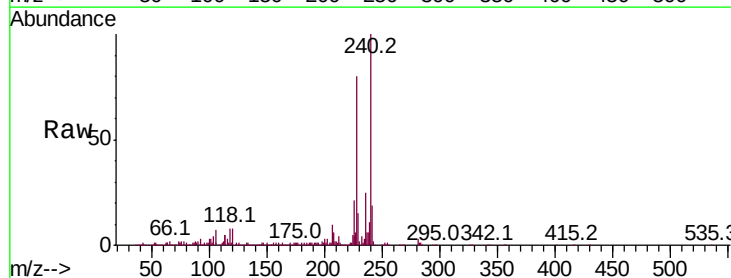
Tgt Ion:240 Resp: 671287

Ion Ratio Lower Upper

240 100

120 8.3 6.4 9.6

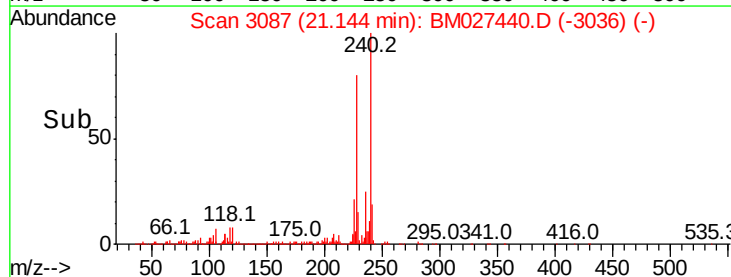
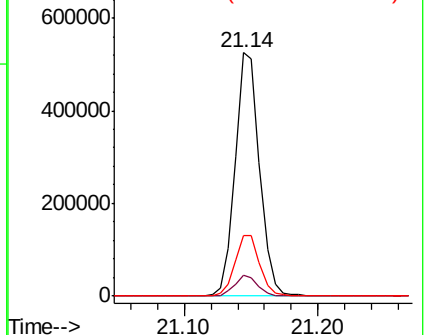
236 25.0 20.1 30.1

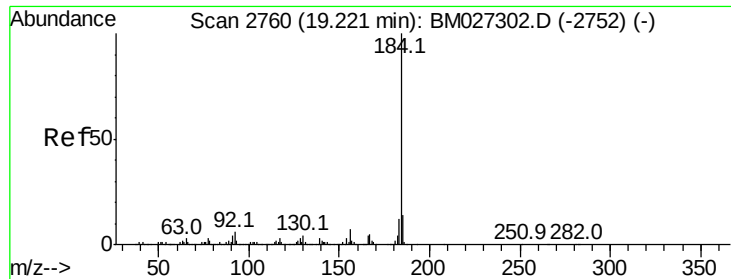


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.384 ng

RT: 19.20 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

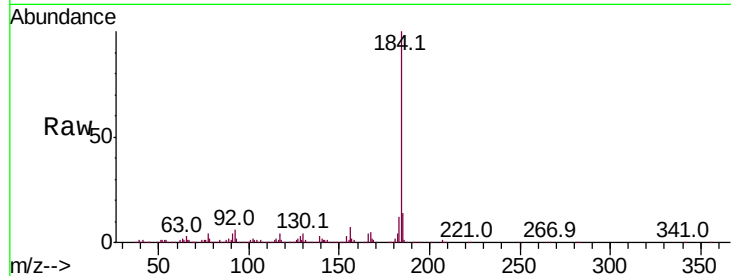
Tot Ion:184 Resp: 784427

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.6

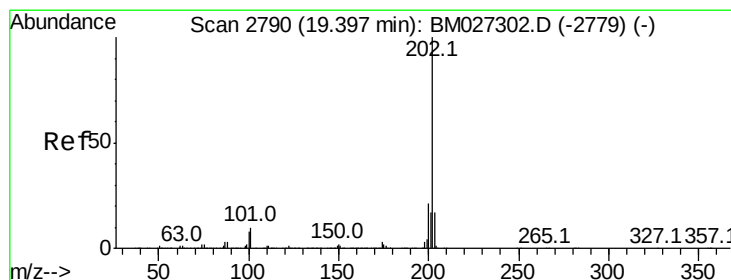
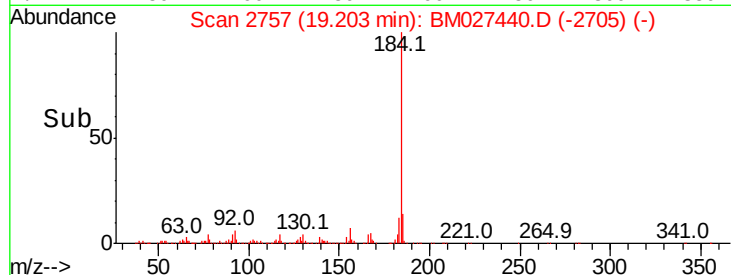
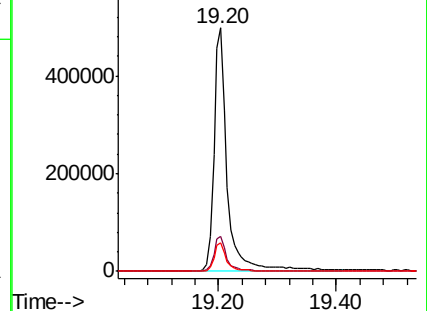
183 11.7 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.327 ng

RT: 19.37 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

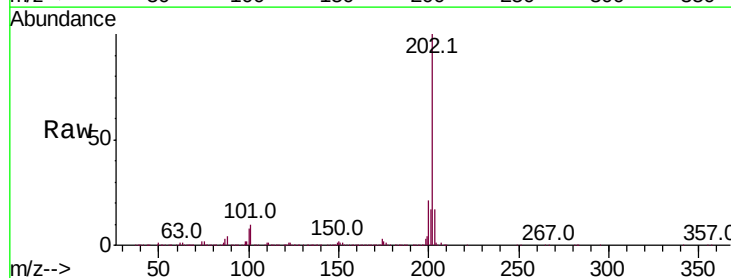
Tgt Ion:202 Resp: 1663070

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

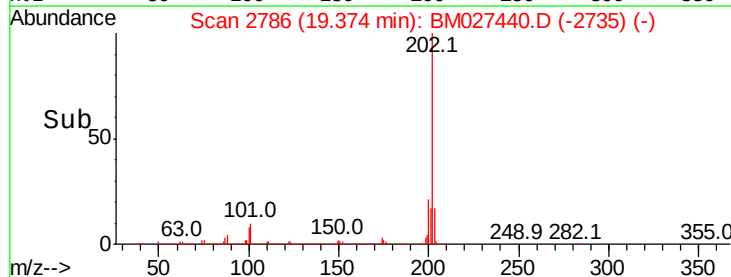
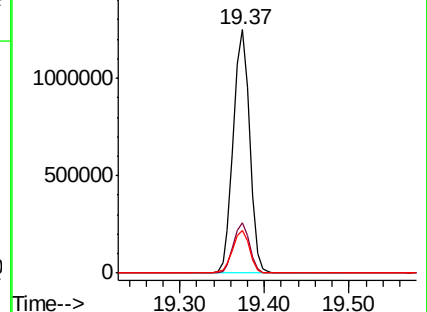
203 17.3 13.8 20.6

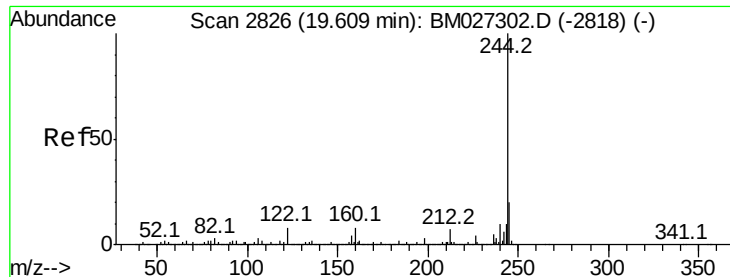


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.695 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

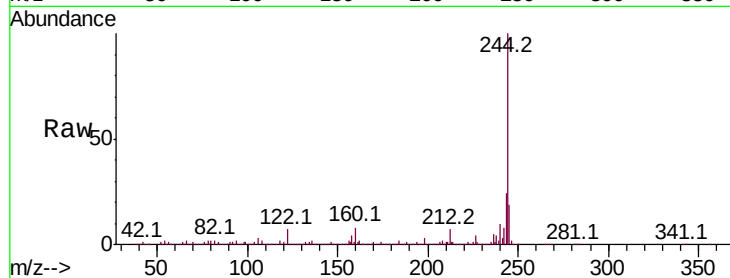
Tot Ion:244 Resp: 2379566

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

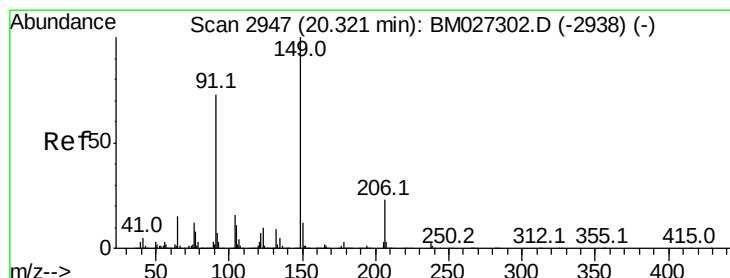
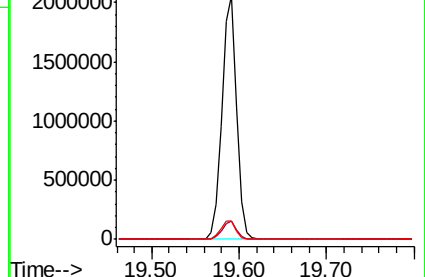
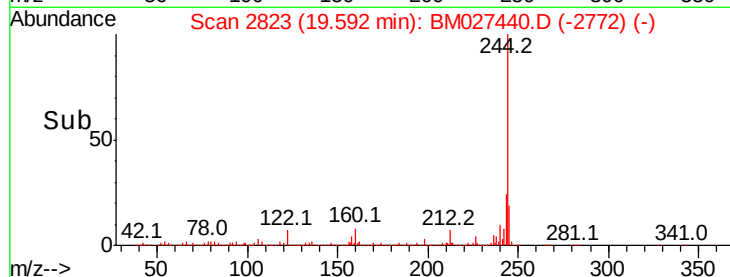
122 7.4 6.5 9.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.581 ng

RT: 20.30 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

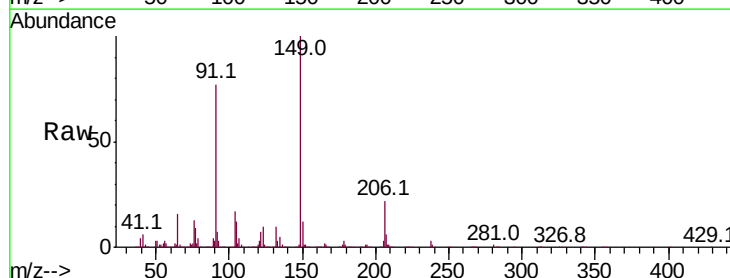
Tgt Ion:149 Resp: 650120

Ion Ratio Lower Upper

149 100

91 76.9 58.1 87.1

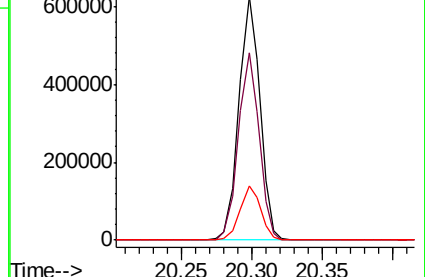
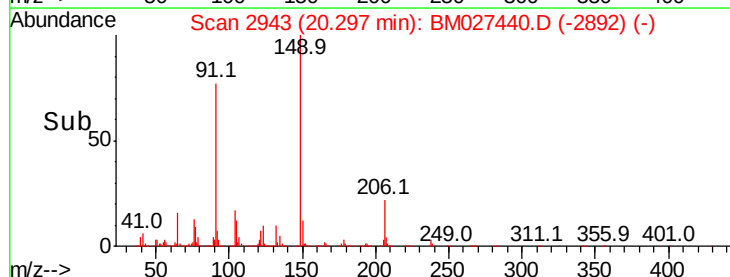
206 22.2 18.7 28.1

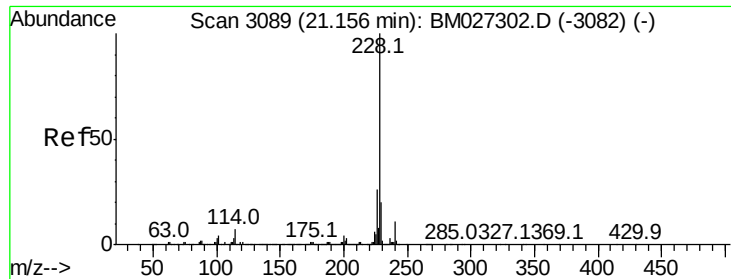


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.767 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

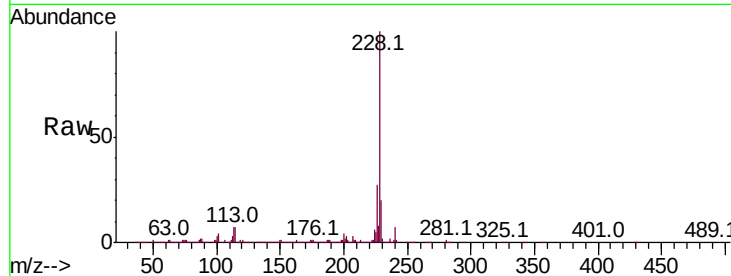
BNA\_M

ClientSampleId :

PB131588BS

Tot Ion:228 Resp: 1737450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.4  | 21.1  | 31.7  |
| 229 | 19.7  | 15.7  | 23.5  |

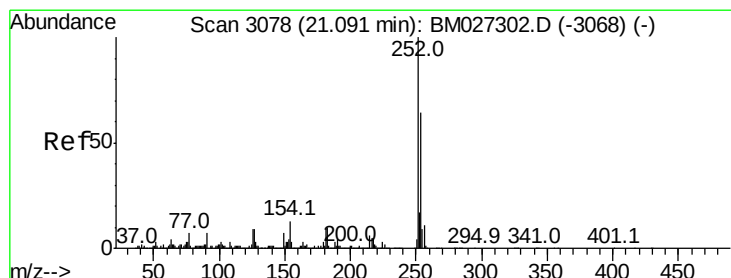
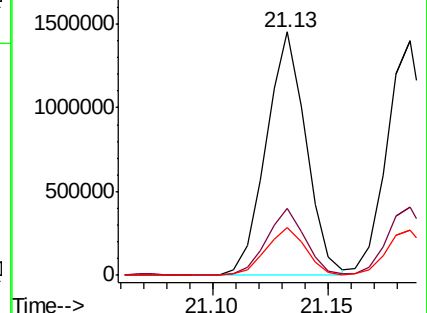
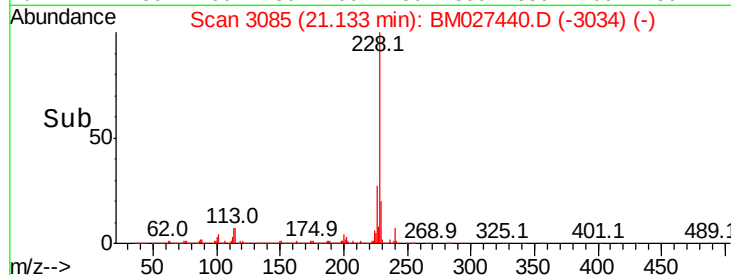


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.739 ng

RT: 21.07 min Scan# 3074

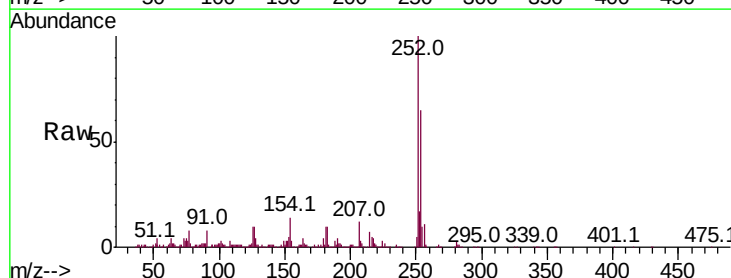
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:252 Resp: 538220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.9  | 51.4  | 77.0  |
| 126 | 9.5   | 6.8   | 10.2  |

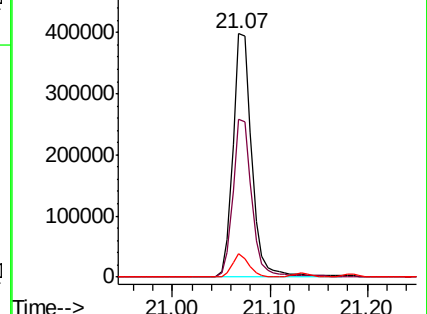
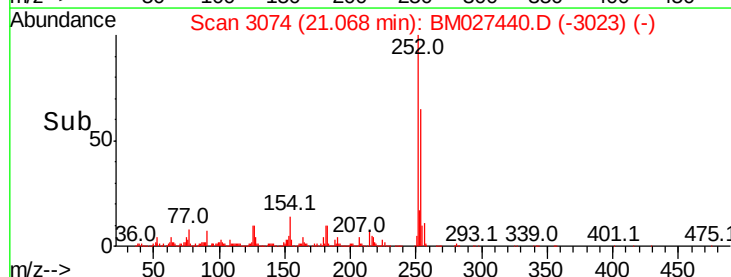


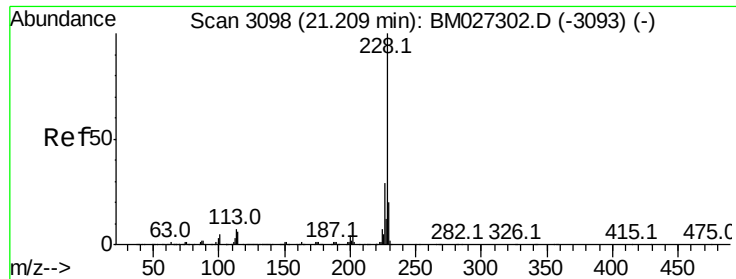
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.015 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

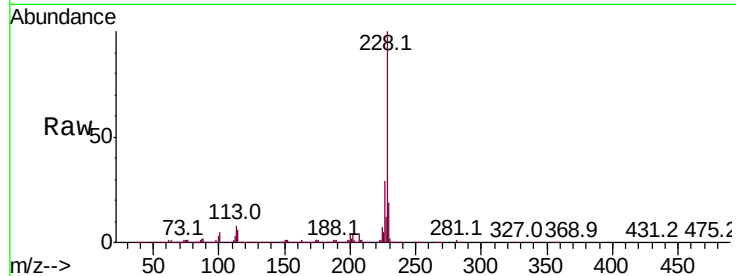
Tot Ion:228 Resp: 1699271

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

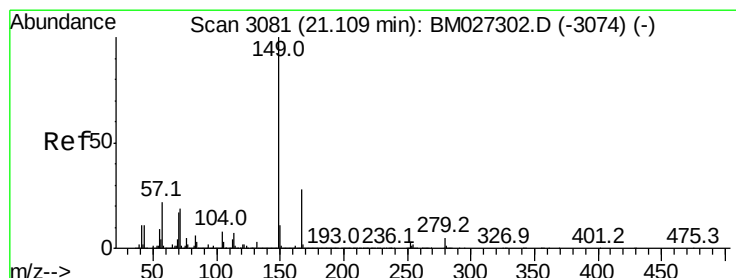
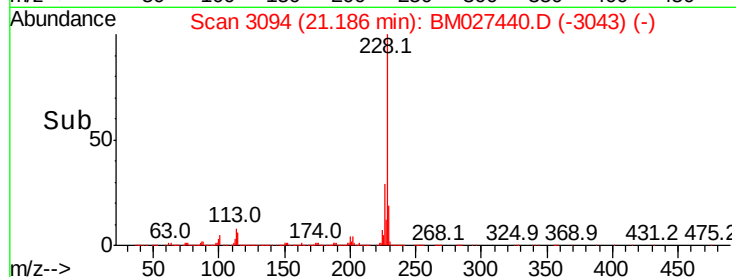
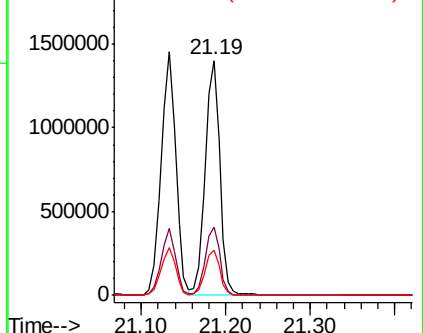
229 19.3 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.605 ng

RT: 21.09 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

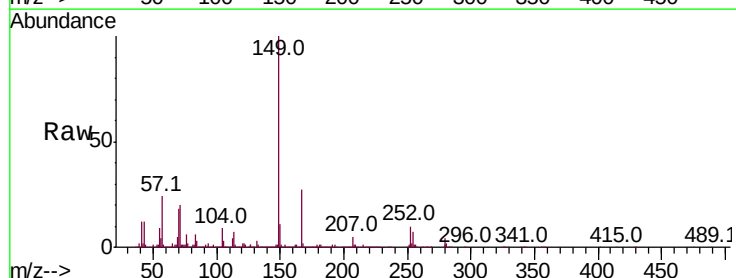
Tgt Ion:149 Resp: 984853

Ion Ratio Lower Upper

149 100

167 26.7 22.7 34.1

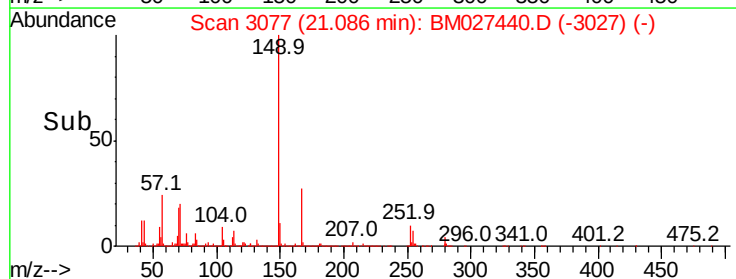
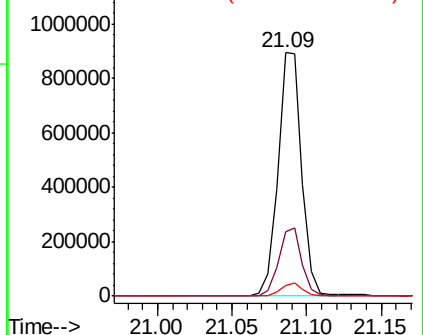
279 4.3 4.0 6.0

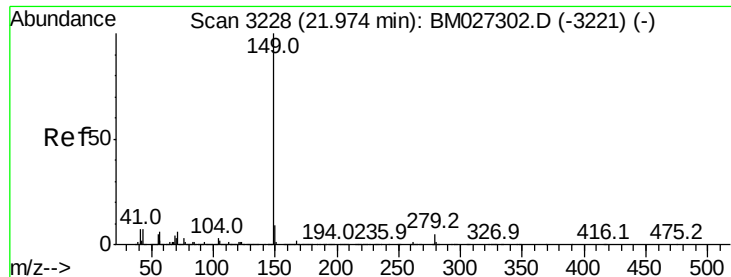


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.367 ng

RT: 21.95 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

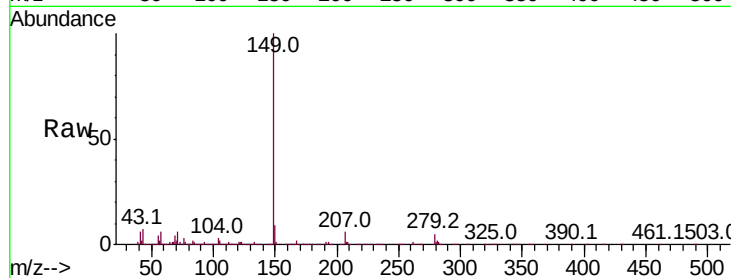
Tot Ion:149 Resp: 1670821

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

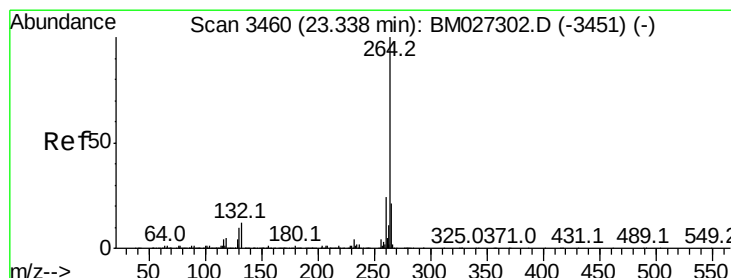
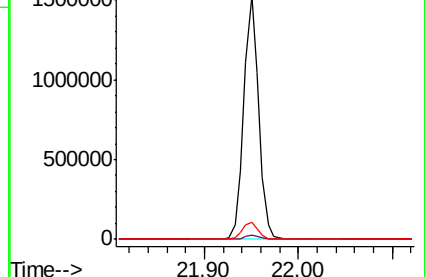
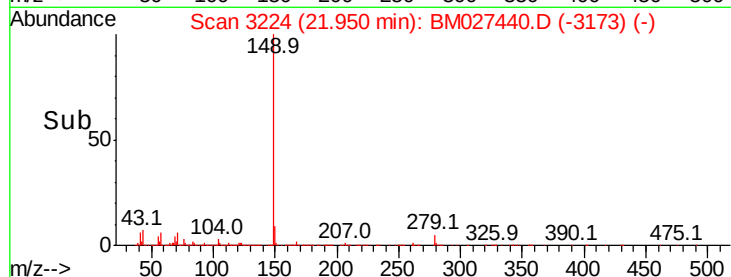
43 7.2 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

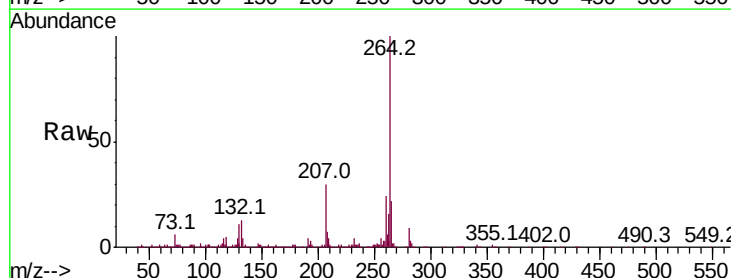
Tgt Ion:264 Resp: 655671

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

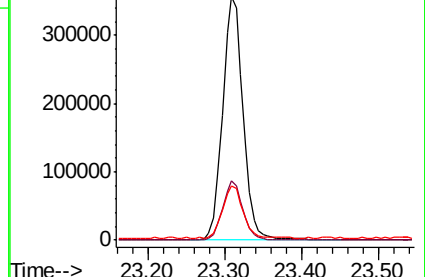
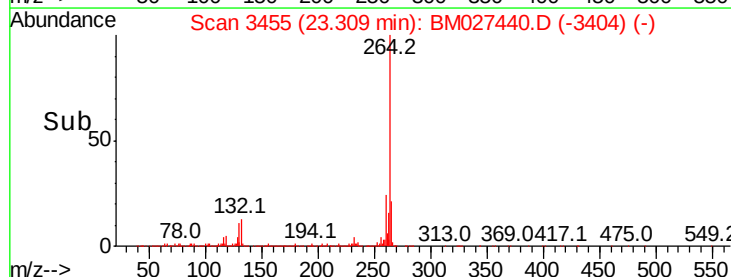
265 22.2 17.7 26.5

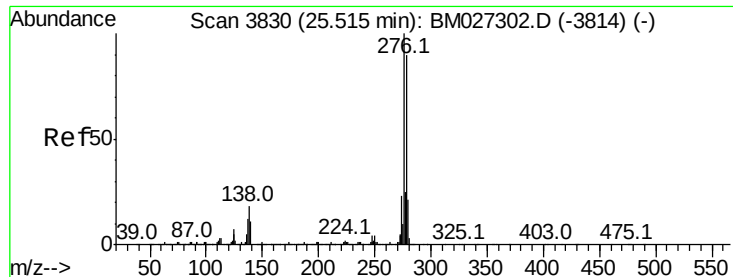


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.764 ng

RT: 25.47 min Scan# 3822

Delta R.T. -0.00 min

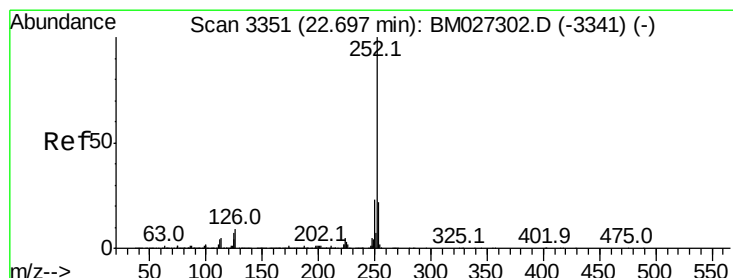
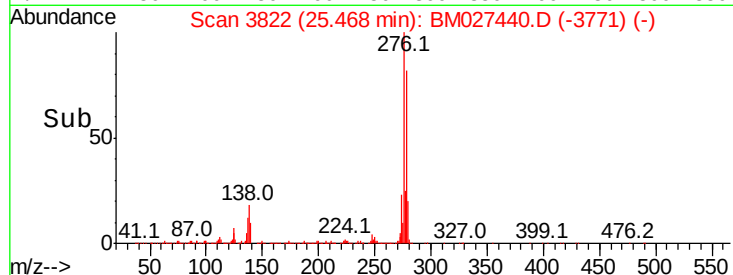
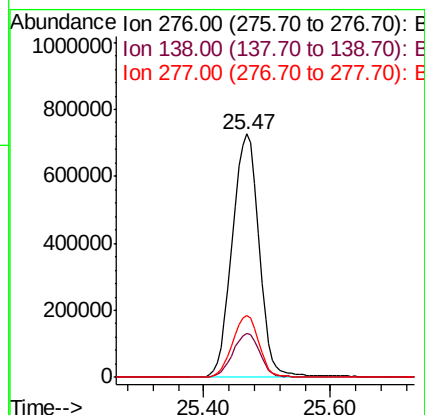
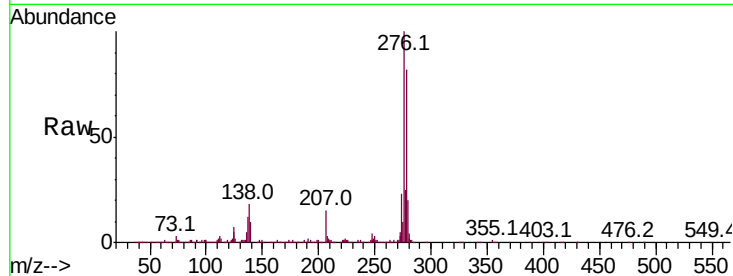
Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :  
BNA\_M  
ClientSampleId :  
PB131588BS

Tot Ion:276 Resp: 2123677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 18.1  | 14.2  | 21.4  |
| 277 | 25.1  | 19.8  | 29.8  |



#88

Benzo(b)fluoranthene

Concen: 39.385 ng

RT: 22.67 min Scan# 3346

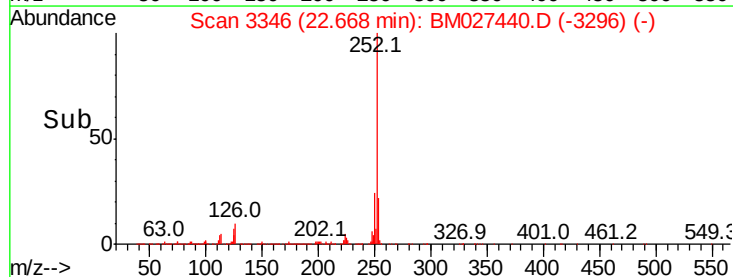
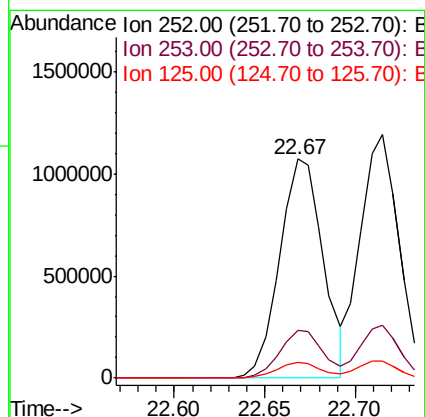
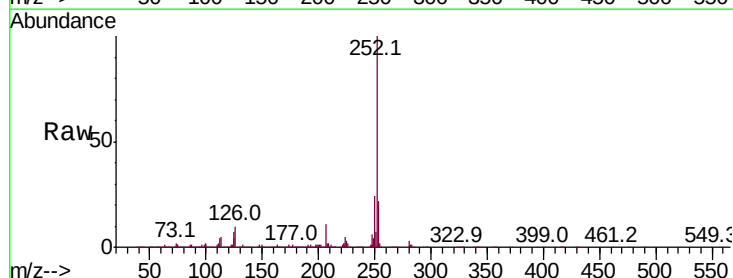
Delta R.T. -0.01 min

Lab File: BM027440.D

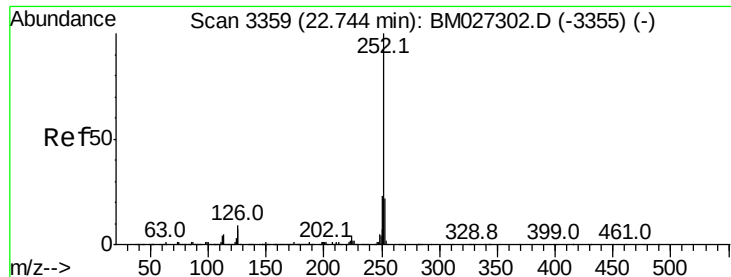
Acq: 16 Sep 2020 13:33

Tgt Ion:252 Resp: 1796277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.4  | 26.0  |
| 125 | 7.3   | 5.7   | 8.5   |







#89

Benzo(k)fluoranthene

Concen: 40.702 ng

RT: 22.71 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

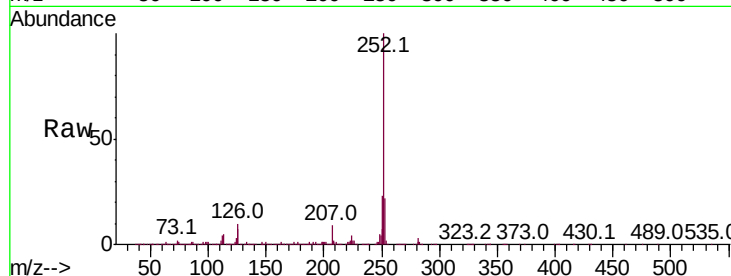
Tot Ion:252 Resp: 1794631

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

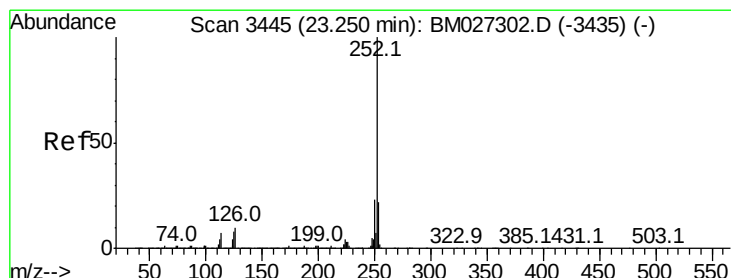
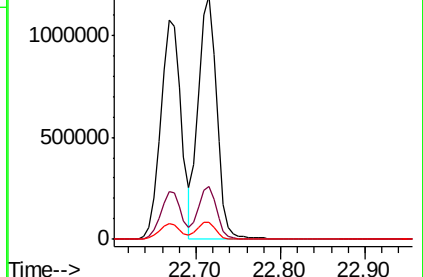
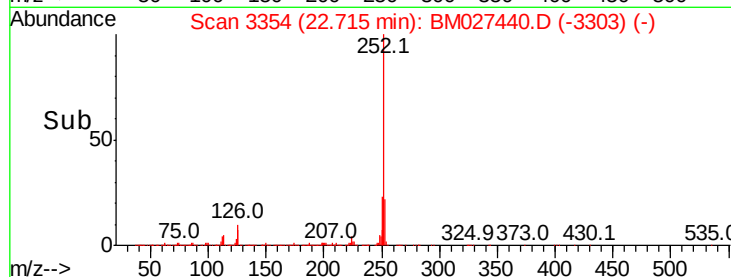
125 7.0 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.860 ng

RT: 23.22 min Scan# 3440

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

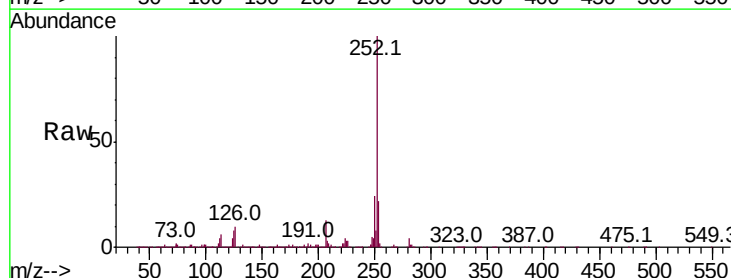
Tgt Ion:252 Resp: 1614659

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

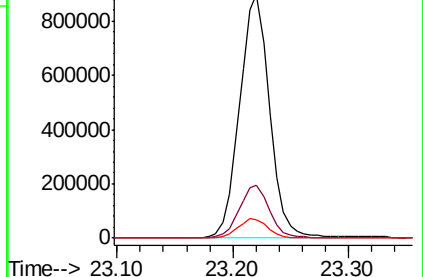
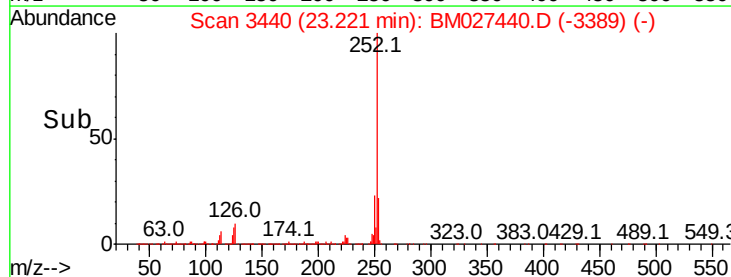
125 7.8 6.6 9.8

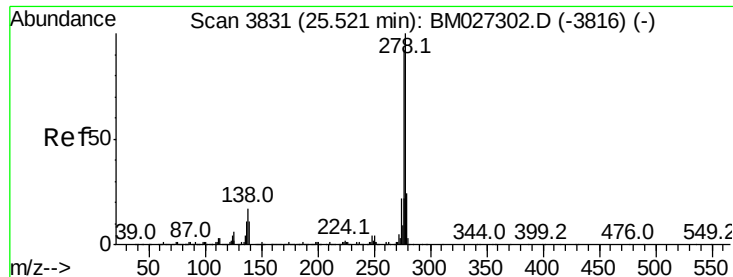


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.768 ng

RT: 25.48 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA\_M

ClientSampleId :

PB131588BS

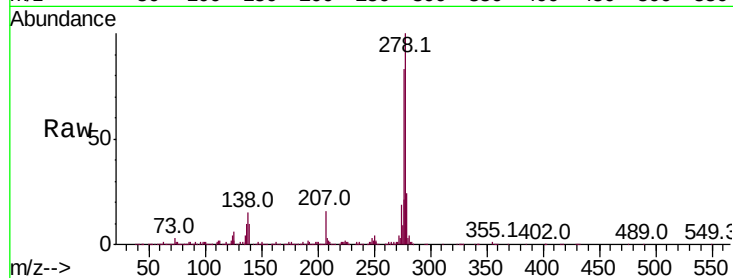
Tot Ion:278 Resp: 1793952

Ion Ratio Lower Upper

278 100

139 10.4 9.0 13.6

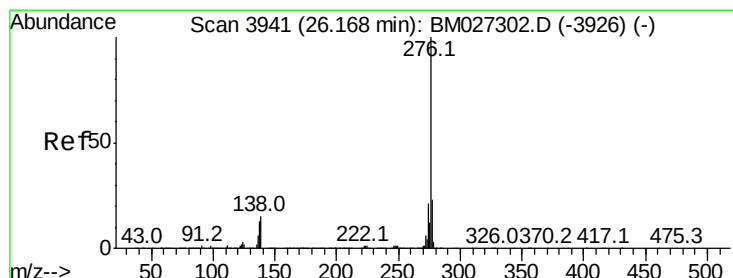
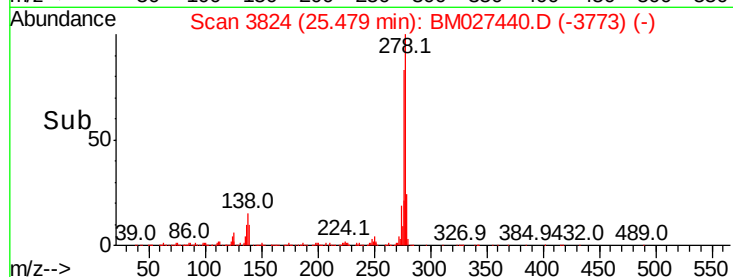
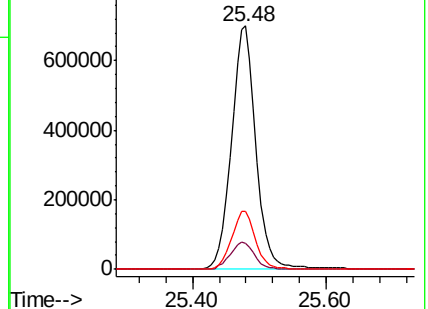
279 23.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.962 ng

RT: 26.12 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

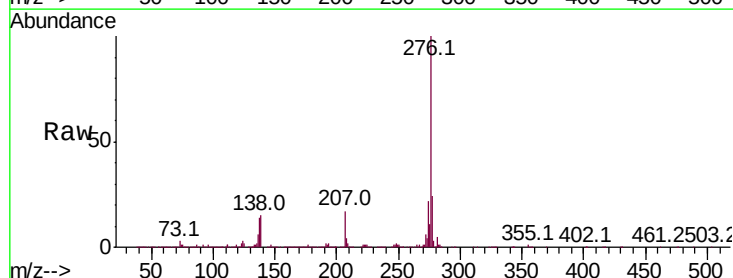
Tgt Ion:276 Resp: 1808216

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 14.9 12.2 18.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

